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Nº 45

BRIEFING HANDBOOK
OF
SELECTED ECONOMIC DATA

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W A R N I N G

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Gross National Product, ^a Average Annual Growth,
and GNP Per Capita
Selected Years, 1950-65

February 1961

Country	Billion 1955 US \$							Average Annual Increase b/ (Percent)		GNP Per Capita c/ (1955 US \$)	
	1950	1955	1956	1957	1958	1959	1960	1951-60	1961-65	1960	1965
NATO	538	674	695	714	708	747	770				
US	322	398	405	413	404	431	440				
Canada	21.7	27.1	29.7	29.5	29.7	31.4	32.0			2,400	
European NATO d/	194	249	260	271	274	285	300			1,800	
Of which:											
Belgium	9.2	10.8	11.2	11.5	11.4	11.7	12.0				
Denmark	4.7	5.1	5.2	5.5	5.6	5.9	6.2			1,300	
France	39.3	48.6	51.1	54.3	55.5	56.4	58.0			1,300	
Italy	23.6	31.5	32.8	34.9	36.4	38.4	40.0			810	
Netherlands	8.6	11.4	11.9	12.1	12.3	13.0	13.4			1,200	
Norway	3.6	4.3	4.5	4.6	4.6	4.8	4.9			1,400	
UK	58.0	66.3	67.6	68.6	68.6	70.7	72.5			1,400	
West Germany	37.4	57.6	61.6	64.9	67.0	71.3	76.6			1,400	
Sino-Soviet Bloc	186	266	283	298	331	351	N.A.				
USSR	112	156	168	175	192	199	N.A.				
Communist China	31.4	48.5	53.8	56.3	66.7	74.5	83	28 1/2 e/		1,200	
North Korea	0.77 f/	0.82	0.96	1.13	1.3	1.5	1.6	135 e/	10.2	120	170
North Vietnam	N.A.	N.A.	N.A.	N.A.	1.3	1.4	1.5	2.8 e/	6.9 g/	180	280
European Satellites h/	44.3	60.2	60.7	65.5	69.3	74.2	77.4 1/	2.1 e/	7.0	94	120
Bulgaria	2.1	3.2	3.2	3.5	3.8	4.4	4.6 1/	N.A.		580	
Czechoslovakia	9.6	11.6	12.1	12.8	13.6	14.2	14.8 1/	20.1 j/	4.5	1,100	1,400
East Germany	11.0	15.5	16.0	16.8	18.0	19.3	20.2 1/	26.9 j/	6.3	1,200	1,600
Hungary	4.1	5.6	5.3	5.8	6.2	6.6	6.9 1/	8.7 j/	5.4	690	840
Poland	12.8	16.5	17.3	18.6	20.0	20.8	21.7 1/	29.0 j/	5.4	730	910
Rumania	4.7	7.8	6.8	8.0	7.7	8.9	9.2 1/	14.7 j/	7.0	500	750

a. Gross national product (GNP) is a measure of the physical volume of goods and services produced by the economy, expressed in terms of market value at constant prices.

b. Average annual rates of growth are computed at the compound interest rate for the stated period, including the terminal years.

c. Based on estimates of midyear population.

d. The dollar values of GNP for the European NATO countries in 1955 are estimates using the geometric mean of European and US weights.

The aggregate GNP for the European NATO countries in 1955 was estimated by the US Department of State, using this source and rough calculations for countries not listed.

Estimates for other years were obtained by multiplying the 1955 data in dollars by indexes of GNP at constant domestic prices for the respective countries.

e. Estimated GNP for 1965.

f. 1949.

g. The base year is 1949.

h. The values for the European Satellites have been calculated in such a manner as to make them reasonably comparable with the values shown for the European NATO countries and therefore should not be compared with dollar values for Western countries that are obtained by applying the official rates of exchange.

i. Preliminary estimates.

j. Based on the planned average annual rates of growth of national income. These rates have been reduced by one percentage point as a rough allowance for the exclusion of governmental and personal services under the Communist concept of national income. Such services are expected to grow much less rapidly than the goods and services covered by the plan.

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Gross Investment in Industry
in the USSR and the US
1960

February 1961

<u>Country</u>	<u>Billion 1955 US \$</u>
USSR a/	35.7
US b/	19.7

a. Industry in the USSR covers manufacturing, mining, and electric power. Urban distribution of electric power is not included. Soviet industrial investment in 1960 (excluding investment in the construction industry) is estimated at 150 billion 1955 rubles, which is equal to US \$35.7 billion at the conversion rate of 4.2 rubles to US \$1. The major difference between this estimate and that given in the September 1960 revision of the Briefing Handbook is due to the change in the conversion ratio from 5.9 rubles to US \$1 to 4.2 rubles to US \$1. Continuing research in this area is expected to produce further refinement of this estimate.

b. Anticipated US investment for 1960 in new plant and equipment for manufacturing, mining, public utilities, oil and gas drilling, and other industrial investment not classified in the survey of capital expenditures are estimated as follows (Department of Commerce, Survey of Current Business, Dec 1960):

	<u>Billion Current US \$</u>
Manufacturing	14.5
Mining	1.0
Public utilities	5.7
Oil and gas drilling and other industry not included above	2.0
Total	<u>23.2</u>

The deflator of 117.6 used to derive the value in 1955 US dollars was based on the 1960 deflator for new construction and producers durables (Department of Commerce, Office of Business Economics).

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Indexes of Industrial Production ^{a/} for the US,
Selected Western Countries, and the Sino-Soviet Bloc
1950 and 1955-60

February 1961

								1950=100
Country	1950	1955	1956	1957	1958	1959	1960	Average Annual Increase ^{b/} (Percent) 1951-60
Selected Western Countries								
US ^{c/}	100	129	134	135	125	141	145	4
France	100	131	144	156	163	171	185	6
Italy	100	153	164	177	183	203	235	9
UK	100	121	121	123	121	130	140	3
West Germany	100	179	193	204	211	225	248	10
Sino-Soviet Bloc								
USSR ^{d/}	100	167	184	198	213	231	^{e/}	^{e/}
Communist China ^{f/}	100	269	343	369	516	686	851	23.9
European Satellites ^{g/}	100	156	163	179	198	216	234 ^{h/}	8.9
Bulgaria	100	165	184	210	234	281	312 ^{h/}	12.1
Czechoslovakia	100	135	144	160	175	189	206 ^{h/}	7.5
East Germany	100	172	181	193	212	235	251 ^{h/}	9.6
Hungary	100	171	155	181	203	222	249 ^{h/}	9.6
Poland	100	158	168	183	198	212	229 ^{h/}	8.6
Rumania	100	155	166	184	209	229	260 ^{h/}	10.0

a. Indexes for the US, France, Italy, the UK, and West Germany are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. The index for the UK includes construction, whereas the indexes for the other Western countries exclude construction. The indexes of the countries of the Sino-Soviet Bloc are calculations of this Office (or other calculations accepted by this Office) and are constructed as nearly as possible on the same basis as the indexes for Western countries. The indexes for the Bloc include manufacturing, mining, and public utilities.

b. Average annual rates of growth are computed at the compound interest rate for the stated period, including the terminal years.

c. This index is the revised industrial production index of the US Federal Reserve Board, which includes utilities.

d. Index of gross values for individual commodities and branches aggregated by 1955 value-added weights. The three sectors covered -- materials, machinery, and consumer goods -- comprise 44.6 percent, 34.0 percent, and 21.4 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of industrial production of the US Federal Reserve Board.

e. The projected range of the increase for the Seven Year Plan (1959-65) is 8.6 to 9.0 percent (1958=100).

f. Estimates of this Office computed by applying value-added weights to figures for commodity production, except in the case of handicraft production, 1952-57, where the official gross value series in constant 1952 prices was used.

g. Indexes for Czechoslovakia and East Germany through 1957 and for Poland through 1955 are from private studies; indexes for subsequent years are estimates of this Office or official estimates of net production accepted by this Office. All indexes for Hungary other than the preliminary estimate for 1960 are official estimates of net production accepted by this Office. Indexes for Rumania, Bulgaria, and the European Satellites as a group are estimates of this Office. Indexes for Bulgaria and Rumania are considered less reliable than the others. Handicraft production is covered explicitly only in the index for Poland. The weighted index for the European Satellites excludes Albania.

h. Preliminary estimates.

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Official Indexes of Gross Industrial Production a/
for the Sino-Soviet Bloc
1950, 1955-60, and 1965 Plan

February 1961

1950=100

Country	1950	1955	1956	1957	1958	1959	1960	1965 Plan	Average Annual Increase b/ (Percent) 1951-60
Sino-Soviet Bloc									
USSR	100	185	205	226	249	277	305	448	11.8
Communist China	100	287	368	410	681	948	1,223 c/	N.A.	28.5
North Korea	100	164	208	302	413	632	733 c/	1,411 d/	22.1
North Vietnam	N.A. e/	100	193	291	316	414	493 c/	1,224	37.6 e/
European Satellites									
Albania	100	274	299	375	448	536	584 f/	882	19.3
Bulgaria	100	190	218	253	287	358	405 f/	N.A.	15.0
Czechoslovakia	100	170	186	205	228	253	281 f/	438	10.9
East Germany	100	190	202	217	241	271	293 f/	453	11.3
Hungary	100	185	167	195	216	239	270 f/	356 to 367	10.4
Poland	100	212	231	254	278	303	333 f/	506	12.8
Rumania	100	202	225	243	267	294	340 f/	617	13.0

a. These indexes are measures of the "gross" value of production of industry at constant prices. Gross value of production is, in general, the sum of the value of output of all industrial enterprises. The definition of industry in Communist countries includes manufacturing, mining, and public utilities. The Communist definition of industry also includes other activities (varying from country to country) that are not included in Western definitions of industry.

b. Average annual rates of growth are computed at the compound interest rate for the stated period, including the terminal years.

c. Plan for 1960.

d. Based on the average rate of growth implied by an official plan index for 1967.

e. The base year for this index is 1955, the first postwar year. These official index numbers are not indicative of the true rate of industrial growth, because they reflect in large measure the increases in output resulting from postwar reconstruction rather than from new industrial development.

f. Preliminary estimates.

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TO: Holders of Briefing Handbook of Selected Economic Data
FROM: Chief, Publications Staff, ORR
SUBJECT: Revision of Briefing Handbook of Selected Economic Data

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Your Briefing Handbook of Selected Economic Data can be kept up to date by removing the old pages and by inserting the new pages in your loose-leaf binder. These pages contain selected information of current interest.

*Revision ~~of~~
as
of
1 September 1961*

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FOREWORD

This handbook has been prepared for briefing purposes and contains current comparative estimates for certain significant commodities and economic factors for the countries of the Sino-Soviet Bloc and for NATO.

Unless otherwise indicated, data for the countries of the Sino-Soviet Bloc are ORR estimates or accepted estimates from other sources as of the date appearing at the upper right-hand corner of each page. Totals for NATO, which includes the US, are in many cases preliminary, based on publications of the UN and the OEEC or on other sources. The estimates for the Sino-Soviet Bloc and NATO are reviewed ~~three~~ ^{twice} times each year, and revisions are circulated as necessary.

Blanks in any of the tables indicate that information is lacking concerning either the existence of data or the existence of specific quantities. The symbol N.A. (Not Available) is used to indicate that data exist but that the quantity is not known. The symbol Negl. is used to indicate that data exist but that the quantity is relatively insignificant when compared with similar data for other countries. Totals are summations of available data, and no estimates of unavailable data have been included in the totals.

The totals have been computed from unrounded data and are not necessarily the sum of the rounded components shown. Unless otherwise indicated, tonnages are given in metric tons (mt), and monetary values are current.

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Production of Crude Steel ^{a/}
1950, 1955-60, and 1965 Plan

February 1961

	Million Metric Tons							
Country	1950	1955	1956	1957	1958	1959	1960	1965 Plan
NATO	140	184	188	190	160	175	214	
US	87.85	106.17	104.52	102.25	77.34	84.77	90	
Sino-Soviet Bloc	36.6	62.5	68.7	72.9	80.7	93.2	105	
USSR	27.30	45.27	48.70	51.04	54.92	59.95	65	86.0 to 91.0
Communist China	0.60	2.85	4.46	5.35	8.00 ^{b/}	13.35 ^{c/}	18.40 ^{d/}	
North Korea	0.14	0.14	0.19	0.28	0.36	0.45	0.55	2.5 ^{e/}
European Satellites	8.55	14.3	15.4	16.2	17.4	19.4	20.9	
Bulgaria	0.03	0.12	0.18	0.21	0.26	0.28	0.30	1.65
Czechoslovakia	3.12	4.47	4.88	5.17	5.51	6.14	6.67	10.6
East Germany	1.27	2.84	3.11	3.30	3.46	3.66	3.73	5.2
Hungary	1.05	1.63	1.42	1.38	1.63	1.76	1.89	2.4
Poland	2.52	4.43	5.01	5.30	5.63	6.16	6.50	9.3
Rumania	0.56	0.77	0.78	0.86	0.93	1.42	1.79	3.3

a. Unless otherwise indicated, data refer to the total production of ingots and steel for castings.

b. Excluding production from native furnaces.

c. Including 4.72 million metric tons of steel made in small side-blown converters.

d. Including 5.50 million metric tons of steel made in small side-blown converters.

e. Plan for 1967.

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Production of Pig Iron a/
1950, 1955-60, and 1965 Plan

February 1961

Country	Thousand Metric Tons							
	1950	1955	1956	1957	1958	1959	1960	1965 Plan
NATO	98,900	130,000	132,000	136,000	113,000	120,000	140,000	
US	60,211	71,906	70,461	71,976	52,416	55,100	64,500	
Sino-Soviet Bloc	25,000	46,200	50,200	53,500	64,700	76,400	90,800	
USSR	19,200	33,310	35,754	37,039	39,600	42,972	47,100	65,000 to 70,000
Communist China	978	3,872	4,826	5,940	13,690 b/	20,500 e/	27,500 d/	
North Korea	190	112	187	270	320	585	750	
European Satellites	4,600	8,860	9,460	10,200	11,100	12,400	15,400	21,500
Bulgaria	0	0	0	54	91	177	210	1,400
Czechoslovakia	1,951	2,982	3,282	3,563	3,774	4,245	6,675	7,700
East Germany	337	1,517	1,574	1,663	1,775	1,898	1,980	2,150
Hungary	461	868	755	823	1,082	1,104	1,300	1,600
Poland	1,533	2,920 e/	3,263 e/	3,430 e/	3,592 e/	4,080 e/	4,300 e/	6,620 e/
Rumania	320	570	583	686	737	846	960	2,000

a. Unless otherwise indicated, data refer to the total production of pig iron and blast furnace ferroalloys.

b. Including 4.16 million metric tons of "native iron."

c. Including 9.6 million metric tons of pig iron made in "small modern blast furnaces," of which 5.9 million metric tons were usable for production of steel.

d. Approximately one-half of the pig iron was produced in "small modern blast furnaces."

e. The data as presented in this table are deflated from official Polish data. Polish official data for production of pig iron are expressed in terms of basic OH pig iron, thus giving figures that are considerably greater than actual production. The factors used by the Polish to inflate production of pig iron were as follows:

Pig iron for OH steel	x 1.0
Pig iron for foundry steel	x 1.5
Spiegeleisen	x 2.5
Ferromanganese	x 2.5

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Production of Primary Aluminum ^{a/}
1950, 1955-60, and 1965 Plan

February 1961

Thousand Metric Tons								
Country	1950	1955	1956	1957	1958	1959	1960	1965 Plan
NATO	1,210	2,400	2,570	2,510	2,480	2,880	3,050	
US	651.9	1,420.4	1,523.1	1,495.2	1,420.8	1,771.2	1,830	
Sino-Soviet Bloc	172	549	592	624	684	815	947	
USSR	155	430	465	487	513	600	700	1,400 to 1,500 b/
Communist China	0	10	15	39	49	70	84	250 b/
European Satellites	17.5	109	112	97.8	122	145	163	
Czechoslovakia	0	24.4	21.2	16.7	26.4	41.0	55	59
East Germany	0.8	26.9	34.3	34.7	34.1	35.1	35.5	55
Hungary	16.7	37.0	34.8	26.0	39.5	45.7	47.5	55
Poland	0	20.4	21.8	20.4	22.4	22.8	25	75
Rumania	0	0	0	0	0	0	0	25 to 30

a. Data refer to production of primary (virgin) aluminum from domestic and imported ores.

b. Estimated plan for 1965.

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Production of Refined Copper ^{a/}
1950, 1955-60, and 1965 Plan

February 1961

Country	Thousand Metric Tons							
	1950	1955	1956	1957	1958	1959	1960	1965 Plan
NATO	2,050	2,410	2,550	2,500	2,440	2,290	2,805	
US	1,276.1	1,436.1	1,545.7	1,534.1	1,450.2	1,222.8	1,629	
Sino-Soviet Bloc	295	463	476	487	516	560	620	
USSR	246.6	377.3	386.7	396.4	406.3	416.5	426.9	772
Communist China	5.3	15.0	14.0	14.0	34.0	55.0	90	170 ^{b/}
North Korea	1.6	1.8	2.4	3.2	4.9	10.0 ^{c/}	10.0	N.A.
European Satellites	41.0	69.1	73.0	73.1	70.5	78.5	92.8	
Albania ^{d/}	0.9	0.9	0.6	0.9	0.9	1.0	1	3 ^{b/}
Bulgaria ^{e/}	0.1	3.8	4.6	5.1	6.1	9.0	17.3	30
Czechoslovakia	1.0	5.1	5.6	6.1	6.6	7.1	7.6	15.7
East Germany	27.8	33.3	32.8	32.8	32.5	36.9	37.9	45.6
Hungary	N.A.	7.8	6.1	4.3	3.0	3.0	3.0	N.A.
Poland	10.5	15.7	20.3	19.9	17.4	17.5	22.0	28
Rumania	0.7	2.5	3.0	4.0	4.0	4.0	4.0	16 ^{b/}

a. Unless otherwise indicated, data refer to refined copper produced from domestic and foreign ores and scrap.

b. Estimated plan for 1965.

c. Plan.

d. Blister copper.

e. For 1950 and 1955-58, blister copper. The estimates for 1959-60 and for the 1965 Plan are for production of electrolytic refined copper.

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Production of Selected Agricultural Commodities
1960

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Romania
Total Grain a/	Million MT	296	190	311	100	160 b/	3.5	4.8	43.1	0.2	3.5	5.0	5.5	6.7	13.0	9.2
Cotton (Ginned)	Thousand MT	3,430	3,169	3,323	1,500	1,800	N.A.	N.A.	23.0	4.0	17.5	0	0	0	0	1.5
Meat c/	Thousand MT	24,000 d/	12,337	14,801	6,000	5,500	60	115	3,126	13	190	470	710	285	1,060 e/	398

a. Including wheat, rye, barley, oats, corn, and rice, where produced. Data for the USSR, Communist China, and North Korea include other miscellaneous grains but not tubers. Data for the US include other miscellaneous grains, such as sorghum.

b. Excluding 30 million metric tons of tubers as grain equivalents. (Four metric tons of tubers equal 1 metric ton of grain.)

c. Trimmed carcass weight basis. Including beef, veal, pork, mutton, lamb, goat, and horse meat, where produced. Data for the USSR also include poultry meat and slaughter fats but exclude horse meat. Data for Communist China also include poultry meat.

d. Data for 1959, including data for 1960 for the US.

e. 1 July 1959 to 30 June 1960.

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Services
1960

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Romania
Transportation																
Rail Freight Traffic																
Ton-Kilometers	Billion MKM	1,100	837	2,046 <u>a/</u>	1,500	350	8.6	0.7	186.2	0.1	7.3 <u>b/</u>	47.5	33.0 <u>b/</u>	13.6 <u>c/</u>	66.2	18.5
Tons Carried	Million MT	2,350	1,240	3,567 <u>a/</u>	1,880	720	39.0	3.9	924.1	1.0 <u>b/</u>	40.0 <u>b/</u>	194.8	235.2 <u>b/</u>	96.0 <u>c/</u>	283.3	71.8
Construction																
Production of Cement	Thousand MT	142,600	54,400	85,590	45,200	15,000	2,270	390	22,730	80	1,550	5,000	5,000	1,550	6,500	3,050
Communications																
Inventory of Radio Receivers <u>d/</u>	Thousand Units	229,000	155,000	50,500	28,400 <u>e/</u>	4,400	128	353	17,181	45	817	3,300	5,621	1,975	4,097	1,326

a. Including domestic, import, export, and transit freight traffic. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Unless otherwise indicated, freight traffic carried on narrow-gauge railroads in the public transportation system is included.

b. It is not known whether or not data include freight traffic carried on narrow-gauge railroads.

c. Including freight traffic carried on standard-gauge, plus "limited public use" narrow-gauge, railroads.

d. Excluding wired loudspeaker receiving units.

e. The significant increase of radio receivers for 1960 in comparison with that reported for 1959 is based on a more complete accounting of receivers as reported by the USSR.

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Military End Items
1960

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
Aircraft Production <u>a/</u>																
Fighters	Units	1,033	630	735	527	108	0	0	100	0	0	0	0	0	100	0
Bombers	Units	597	471	40	40	0	0	0	0	0	0	0	0	0	0	0
Transports	Units	592 <u>b/</u>	386	592 <u>c/</u>	411	149	0	0	32	0	0	30	2	0	0	0
Naval Vessels																
Naval Strength as of 31 October 1960 <u>d/</u>																
Surface Vessels																
Aircraft Carriers	Units	40 <u>e/</u>	25 <u>f/</u>	0	0	0	0	0	0	0	0	0	0	0	0	0
Battleships	Units	10 <u>e/</u>	8 <u>f/</u>	0	0	0	0	0	0	0	0	0	0	0	0	0
Cruisers	Units	65 <u>e/</u>	46 <u>f/</u>	25	25	0	0	0	0	0	0	0	0	0	0	0
Destroyers	Units	561 <u>e/</u>	369 <u>f/</u>	212	196	4	0	0	12	0	0	0	4	0	4	4
Patrol Vessels	Units	790 <u>e/</u>	301 <u>f/</u>	1,465	1,016	223	37	22	167	18	29	0	38	0	49	33
Mine Vessels	Units	938 <u>e/</u>	208 <u>f/</u>	743	562	27	22	4	128	5	19	0	54	0	18	32
Amphibious Vessels	Units	341 <u>e/</u>	254 <u>f/</u>	1,071	722	305	0	0	44	0	16	0	0	0	28	0
Submarines	Units	259 <u>e/</u>	150 <u>f/</u>	453	415	23	0	0	15	0	5	0	0	0	7	3
New Construction	Thousand LSD <u>g/</u>	N.A.	N.A.	87.9	74.2	11.0	Negl.	Negl.	2.7	0	0	0	Negl.	Negl.	2.7	Negl.
Surface Vessels	Thousand LSD	N.A.	N.A.	46.0	36.3	7.0	Negl.	Negl.	2.7	0	0	0	Negl.	Negl.	2.7	Negl.
Submarines	Thousand LSD	N.A.	N.A.	41.9	37.9	4.0	0	0	0	0	0	0	0	0	0	0
Tank and Assault Gun Production (by Type) <u>h/</u>																
Amphibious Tanks	Units	N.A.	N.A.	500	500	0	0	0	0	0	0	0	0	0	0	0
Medium Tanks	Units	N.A.	N.A.	4,250	3,000	500	0	0	750	0	0	400	0	0	350	0
Heavy Tanks	Units	N.A.	N.A.	300	300	0	0	0	0	0	0	0	0	0	0	0
Medium Assault Guns	Units	N.A.	N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0
Heavy Assault Guns	Units	N.A.	N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0

a. Source of data for the Sino-Soviet Bloc: CIA; source of data for NATO: APIC.

b. Including both civil and military transports.

c. Including for the Sino-Soviet Bloc countries both civil and military transports, the majority of which are civil (breakdown not available).

d. Source of data for the Sino-Soviet Bloc and NATO (except the US): Navy, ONI, 30-SD, Strength and Disposition of Foreign Navies, 31 October 60, S; source of data for the US: Navy, OPNAV, Form 5441-3d, Report of Inventory and Assignment of Naval Ships as of 31 December 1960, 6 Jan 61, C. Data for the US and NATO include reserve and active fleets.

e. Including US data as of 31 December 1960.

f. Naval strength as of 31 December 1960.

g. Light ship displacement (LSD) is the weight in long tons of a vessel complete and ready for service in every respect including ballast and liquids in the machinery at operating levels but excluding the crew, their effects, and all items of consumable or variable load such as stores, fuel, and cargo.

h. Source: Estimates presented by ACSI at the Fifth ABC Land Armaments Production Conference, Ottawa, 4-7 October 1960, S.

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Production of Manufactured Items
1960

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
Chemicals and Rubber																
Sulfuric Acid (100-Percent Basis)	Thousand MT	29,700 <u>a/</u>	16,300	9,620	5,500	1,400	290	Negl.	2,431	0	110	552	720	157	680	212
Synthetic Ammonia (Nitrogen Basis)	Thousand MT	6,860 <u>a/</u>	3,560	2,350	890	360	125	0	977	0	87	136	380	70	282	22
Caustic Soda (100-Percent Basis)	Thousand MT	6,320 <u>a/</u>	4,440	1,990	810	420	30	Negl.	728	0	17	109	330	16	162	94
Synthetic Rubber	Thousand MT	1,730 <u>a/</u>	1,470	474	366	1	0	0	108	0	0	1	86.5	0	20	0
Electronic Equipment																
Electron Tubes	Million Units	900	430	228	125	48	0	0	55.4	0	Negl.	13.2	19	12	10	1.2
Radio Receivers	Thousand Units	24,000 <u>a/</u>	17,000 <u>b/</u>	8,320	4,200	1,800	0	0	2,320	0	150	250	640	200	900	180
Television Receivers	Thousand Units	12,000 <u>a/</u>	5,900	2,570	1,600	10	0	0	962	0	8	230	396	128	200	0
Transportation Equipment																
Commercial Vehicles <u>c/</u>	Thousand Units	2,361	1,217	473.4	381	22	3	0	67.4 <u>d/</u>	0	0	16.0	13.2	4.7	22.5	11.0 <u>d/</u>
Locomotives <u>e/</u>	Units	3,823 <u>f/</u>	1,030 <u>g/</u>	4,203 <u>d/h/</u>	2,180 <u>d/</u>	800 <u>d/</u>	0	0	1,223 <u>d/h/</u>	0	0	280 <u>d/h/</u>	260 <u>h/</u>	380 <u>h/</u>	203 <u>h/</u>	100 <u>h/</u>
Freight Cars <u>e/</u>	Thousand Units	127 <u>f/</u>	61.7	96.3 <u>d/</u>	35.0 <u>d/</u>	32.0 <u>d/</u>	0.8	0	28.5 <u>d/</u>	0	1.2	6.0	5.0	0	13.4 <u>d/</u>	2.9 <u>d/</u>
Machinery and Equipment																
Metalcutting Machine Tools	Thousand Units	N.A.	50.0	284.7	152.0	50.0 <u>i/</u>	2.2	0.6	79.9	0	2.8	24.5	21.0	6.5	21.5	3.6
Tractors	Thousand Units	542	175	322	238.5	10	3	0	70.0	0	0.2 <u>d/</u>	34.3	8.5	2.6	7.4	17.0

a. Data for 1959, including data for 1960 for the US.

b. Including combined radio-phonographs.

c. Including light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.

d. Plan.

e. Mainline unless otherwise indicated.

f. Including data for 1958 for Canada and the UK; for 1959, for France, Italy, and West Germany; and for 1960, for the US.

g. Including exports, which in 1960 totaled about 575 locomotives.

h. Perhaps including narrow-gauge, industrial, or shunting types.

i. For an explanation of production statistics on metalcutting machine tools for Communist China, see footnote a, p. 19, below.

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Production of Energy and Fuels
1960

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
Electric Power, a/ Total	Billion KWH b/	1,475 c/	896	478	295	58	2	0.25	115.78	0.18	4.53	24.27	42.50	7.60	29.00	7.70
Hydro	Billion KWH	395	155	78	55	9	8.5	0.01	5.65	0.11	1.45	2.43	0.64	0.08	0.60	0.34
Thermal	Billion KWH	1,080	741	400	240	49	0.5	0.24	110.13	0.07	3.08	21.84	41.86	7.52	28.40	7.36
Nuclear d/	Billion KWH	(2.5)	(0.6)	(1)	(1)	0	0	0	0	0	0	0	0	0	0	0
Hard Coal e/	Million MT	827	388	942	366	425 f/	6.5	2.45	142.0	0	0.55	27.6	2.66	2.85	104.0	4.3
Brown Coal and Lignite	Million MT	106	2.4	485	146	Negl.	3.5	Negl.	335.7	0.3	16.7	56.7	225.0	23.69	9.2	4.1
Crude Petroleum	Million MT	386	348	166	147.5	5.2 g/	0	0	13.8	0.67	0.18	0.12	Negl.	1.15	0.18	11.50
Natural Gas h/	Billion Cubic Meters	389	365	57	44	N.A.	0	0	12.9	Negl.	Negl.	2.00	0.04	0.33	0.51	10.00
Primary Energy from Major Sources, Total	Million MT/SF i/	2,060	1,400	1,380	677	407	12	2	279	1	10	52	73	15	93	35
Hydroelectric Power	Million MT/SF	169 j/	61 k/	37	25 l/	4.5 m/	4.2 n/	0.005 o/	2.8 p/	0.05	0.72	1.2	0.32	0.04	0.30	0.17
Coal	Million MT/SF	866	404	1,030	388	395	7.8	2.3	238	0.15	8.7	48	73	13	92	3.6
Petroleum (Crude Oil and Natural Gas)	Million MT/SF	1,020	936	310	264 q/	7.8	0	0	38	0.94	0.25	2.8	0.06	2.0	0.93	31

a. Data pertain to gross production (including powerplant use).

b. Kilowatt-hours.

c. Gross production data derived by inflating net production figure for thermal powerplants to allow for 7 percent station consumption by thermal powerplants.

d. Nuclear power is included in the thermal power total, as it is only a subdivision of thermal power.

e. Including anthracite and bituminous coal.

f. Including a negligible amount of brown coal.

g. Including natural and synthetic crude oil.

h. Production for NATO, the US, and the USSR excludes gas for repressuring and gas wasted.

i. Standard fuel (SF) has a calorific value of 7,000 kilocalories per kilogram.

j. Converted at 450 grams per kilowatt-hour for NATO countries (except for the US).

k. Converted at 395 grams per kilowatt-hour, the projected national average for 1960.

l. Converted at 456 grams per kilowatt-hour, the projected national average for 1960.

m. Converted at 500 grams per kilowatt-hour.

n. Converted at 1.43 metric tons of standard fuel per metric ton of crude oil and 1.2 metric tons of standard fuel per thousand cubic meters of natural gas.

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S-E-C-R-E-T

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US Government Economic Aid and Sino-Soviet Bloc Aid
to Selected Free World Countries
1 July 1955 - December 1960

February 1961

Recipient Country	US ^{a/}	Sino-Soviet Bloc		Total
	Economic Aid	Economic Aid	Military Aid	
Total	7,130.4	3,576	1,197	4,772
Afghanistan	106.0	206	39	245
Argentina	300.9	104		104
Brazil	645.7	3		3
Burma	72.7	12		12
Cambodia	172.7	72		72
Ceylon	67.0	58		58
Cuba	20.1	208		208
Egypt	180.7	586	315	901
Ethiopia	73.2	114		114
Ghana	4.3	50		50
Guinea	4.3	107	b/	107
Iceland	27.1	5		5
India	1,936.5	932		932
Indonesia	256.4	501	506	1,007
Iran	341.5	6		6
Iraq	13.0	216	188	404
Morocco	199.1		4	4
Nepal	20.2	41		41
Pakistan	1,005.7	3		3
Sudan	44.7	b/		b/
Syria	32.7	177	128	304
Tunisia	182.2	8		8
Turkey	813.2	12		12
Yemen	11.2	44	17	61
Yugoslavia	599.5	111 c/		111 c/

a. Including economic and technical assistance and defense support obligations under the Mutual Security Program, PL 480 funds earmarked for country use, Development Loan Fund approvals, and authorized long-term Export-Import Bank loans.

b. US \$0.5 million or less.

c. Excluding some US \$350 million in Bloc credits extended to Yugoslavia in 1956 and either canceled or allowed to expire.

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Trade
1960

February 1961

Million US \$													
Item	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho- slovakia	East Germany	Hungary	Poland	Rumania
Total Trade Turnover													
Exports		N.A.	N.A.	N.A.	N.A.		N.A.	580	2,000	N.A.	850	1,300	N.A.
Imports		N.A.	N.A.	N.A.	N.A.		N.A.	600	1,850	N.A.	1,000	1,500	N.A.
Total		<u>11,000 a/</u>	<u>4,200 a/</u>	<u>320</u>	<u>195</u>		<u>N.A.</u>	<u>1,180</u>	<u>3,850</u>	<u>4,500</u>	<u>1,850</u>	<u>2,800</u>	<u>1,200</u>
East-West Trade													
Exports to West		N.A.	N.A.	N.A.	N.A.		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Imports from West		N.A.	N.A.	N.A.	N.A.		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Total		<u>3,300 a/</u>	<u>1,400 a/</u>	<u>13</u>	<u>15</u>		<u>N.A.</u>	<u>230</u>	<u>1,100</u>	<u>1,100</u>	<u>590</u>	<u>1,100</u>	<u>300</u>
Intra-Bloc Trade													
Exports to Other Bloc Countries		N.A.	N.A.	N.A.	N.A.		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Imports from Other Bloc Countries		N.A.	N.A.	N.A.	N.A.		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Total		<u>7,700 a/</u>	<u>2,800 a/</u>	<u>307</u>	<u>180</u>		<u>N.A.</u>	<u>950</u>	<u>2,750</u>	<u>3,400</u>	<u>1,260</u>	<u>1,700</u>	<u>900</u>
Aid Programs b/													
Bloc Aid to Underdeveloped Countries of the Free World, by Assisting Country (Jan 1954 - Dec 1960)													
	4,800	3,552	282	0	0	966	0	4	654	58	18	220	12
Soviet Aid to Bloc Countries (Jan 1956 - Dec 1960)													
	2,146 c/		0	117.5	265	1,763	139.3	371.6	13.5	515.0	328.8	300.0	95.0
Chinese Communist Aid to Bloc Countries (Jan 1954 - Oct 1960)													
	841 d/	0		330	300	96	38	0	0	0	58	0	0

a. Estimated data.

b. Extension of credits and grants.

c. Excluding US \$212.6 million of Soviet aid to Mongolia.

d. Including US \$115 million of Chinese Communist aid to Mongolia.

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Population of the Sino-Soviet Bloc, the US, and NATO, Selected Years, 1938-75	17
Military Age Group, Size of Armed Forces, and Civilian Labor Force, Selected Years, 1956-66	18
Production of Major Industrial Commodities and Grain in Communist China, 1952-60	19
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PLAN PERIODS OF THE COUNTRIES OF THE SINO-SOVIET BLOC

	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
USSR	4th 5-Year Plan				5th 5-Year Plan				6th 5-Year Plan (Abandoned 1957) Annual Plan				The 7-Year Plan																	
Albania	2-Year Plan				1st 5-Year Plan				2nd 5-Year Plan				3rd 5-Year Plan																	
Bulgaria	2-Year Plan		1st 5-Year Plan (Revised)				2nd 5-Year Plan				3rd 5-Year Plan																			
Czechoslovakie	2-Year Plan		1st 5-Year Plan				Annual Plan		Annual Plan		2nd 5-Year Plan				3rd 5-Year Plan															
East Germany	2-Year Plan		1st 5-Year Plan				2nd 5-Year Plan				3rd 5-Year Plan																			
Hungary	3-Year Plan		1st 5-Year Plan				Annual Plan		2nd 5-Year Plan (Abandoned 1966) Annual Plan		The 3-Year Plan		15-Year Plan																	
Poland	3-Year Plan		6-Year Plan				5-Year Plan				15-Year Plan																			
Rumania	Annual Plan		Annual Plan		1st 5-Year Plan				2nd 5-Year Plan																					
China	1st 5-Year Plan								2nd 5-Year Plan																					
North Korea	2-Year Plan		2nd 2-Year Plan		3-Year Plan				1st 5-Year Plan																					
North Vietnam	3-Year Plan								3-Year Plan																					

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Population of the Sino-Soviet Bloc, the US, and NATO
Selected Years, 1938-75

February 1961

Midyear Population in Millions																					
Country	Pre-war Boundaries	Present Boundaries																			
	1938	1938	1945	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1970	1975
USSR	168.5	191.7	176.0	182.3	185.2	188.1	190.9	193.8	197.0	200.2	203.5	206.9	210.3	213.9	217.4	220.9	224.3	227.6	231.0	247.1	263.3
European Satellites	112.3	95.5	90.1	89.7	90.5	91.4	92.3	91.3	94.3	95.2	95.9	96.8	97.7	98.5	99.3	100.3	101.2	102.0	103.0	107.5	112.7
Albania	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8	2.1	2.4
Bulgaria	6.2	6.7	6.9	7.3	7.3	7.3	7.3	7.4	7.5	7.6	7.7	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.2	8.6	9.0
Czechoslovakia	15.3	14.5	14.2	12.4	12.5	12.7	12.8	13.0	13.1	13.2	13.4	13.5	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.8	15.4
East Germany a/	26.1 b/	16.6	17.9	18.4	18.4	18.3	18.2	18.1	17.9	17.7	17.5	17.4	17.3	17.2	17.1	17.0	17.0	16.9	16.8	16.7	16.7
Hungary	9.2	9.2	9.3	9.3	9.4	9.5	9.6	9.7	9.8	9.9	9.8	9.9	9.9	10.0	10.1	10.1	10.2	10.3	10.3	10.7	11.0
Poland	34.7	31.9	25.0	24.6	25.3	25.8	26.3	26.8	27.3	27.8	28.3	28.8	29.3	29.7	30.2	30.7	31.1	31.5	32.0	34.0	36.4
Romania	19.8	15.6	15.7	16.3	16.5	16.6	16.8	17.0	17.3	17.6	17.8	18.1	18.3	18.5	18.7	18.9	19.1	19.3	19.5	20.6	21.8
Asian Countries	202	202	238	271	281	294	307	321	336	351	366	383	400	418	436	454	473	492	512	532	1,032
Communist China	480	480	514	547	558	570	583	597	612	627	642	658	675	692	709	727	745	764	783	886	1,002
North Korea	8.9	8.9	9.2	9.1	7.9	7.9	8.0	8.1	8.2	8.4	8.6	8.7	8.9	9.1	9.3	9.5	9.7	9.8	10.0	11.1	12.2
North Vietnam	12.8	12.8	14.1	14.4	14.6	14.8	14.9	15.1	14.7	14.5	14.9	15.3	15.6	16.0	16.4	16.8	17.2	17.7	18.1	20.5	23.1
Mongolia	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.2	1.3
Total Sino-Soviet Bloc	783	790	804	843	857	873	890	908	927	946	966	987	1,008	1,030	1,052	1,076	1,098	1,122	1,146	1,273	1,415
US	130.0	130.0	139.9	151.7	154.4	157.0	159.6	162.4	165.3	168.2	171.2	174.1	177.1	180.1	183.2	186.2	189.3	192.5	195.7	213.8	235.2
Other NATO Countries	240.4	239.8	248.7	263.8	266.3	268.8	271.4	274.1	276.8	279.7	282.8	286.0	289.1	292.9	294.5	297.2	299.8	302.5	305.1	319.2	334.4
Belgium	8.4	8.4	8.3	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0	9.1	9.1	9.2	9.2	9.3	9.3	9.4	9.4	9.7	10.1
Canada	11.4	11.4	12.4	13.7	14.0	14.5	14.9	15.3	15.7	16.1	16.6	17.1	17.5	17.8	18.2	18.5	18.8	19.2	19.6	21.1	22.6
Denmark	3.8	3.8	4.0	4.3	4.3	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.9	5.1
France	41.9	41.9	39.1	41.7	42.1	42.4	42.7	43.0	43.3	43.6	44.1	44.5	45.0	45.4	45.7	46.0	46.3	46.6	46.8	48.4	50.1
West Germany a/	39.9	39.9	43.8	47.8	48.4	48.7	49.2	49.7	50.2	50.8	51.5	52.2	52.7	53.1	53.5	53.9	54.3	54.6	54.9	56.2	57.0
Greece	7.2	7.2	7.3	7.6	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.2	8.3	8.3	8.4	8.5	8.6	8.7	8.7	9.2	9.7
Iceland	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Italy	43.6	43.0	45.0	46.6	47.0	47.3	47.5	47.8	48.1	48.3	48.5	48.7	49.0	49.2	49.5	49.9	50.3	50.6	51.0	53.2	55.8
Luxembourg	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Netherlands	8.7	8.7	9.3	10.1	10.3	10.4	10.5	10.6	10.8	10.9	11.0	11.2	11.3	11.5	11.6	11.7	11.8	11.9	12.0	12.5	13.0
Norway	2.9	2.9	3.1	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.9	4.0
Portugal	7.5	7.5	8.0	8.4	8.5	8.5	8.6	8.7	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.3	9.4	9.4	9.5	10.0	10.5
Turkey	17.2	17.2	18.8	20.8	21.4	22.1	22.7	23.3	23.9	24.6	25.3	25.9	26.6	27.4	28.1	28.8	29.6	30.4	31.1	35.3	39.8
UK	47.5	47.5	49.2	50.3	50.3	50.4	50.6	50.8	51.0	51.2	51.5	51.7	51.9	52.2	52.3	52.5	52.6	52.8	53.0	54.3	56.1
Total NATO c/	370	370	389	416	421	426	431	436	442	448	454	460	466	472	478	483	489	495	501	533	570

a. Excluding West Berlin.

b. The population of West Berlin in 1938 is estimated to have been 2.7 million persons.

c. Inasmuch as West Berlin is not an integral part of NATO, the NATO total does not include West Berlin. The estimated population of West Berlin for the period 1951-75 is about 2.2 million persons.

UNCLASSIFIED

S-E-C-R-E-T

**Military Age Group, Size of Armed Forces,
and Civilian Labor Force
Selected Years, 1956-66**

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho- slovakia	East Germany	Hungary	Poland	Romania
Military Age Group ^{a/} (Males 20-29)																
1956	Million Persons	N.A.	11.2	79	18.7	51	0.5	1.3	7.47	0.13	0.66	0.93	1.10	0.76	2.33	1.56
1961	Million Persons	N.A.	11.3	85	19.2	56	0.6	1.4	7.50	0.14	0.61	0.91	1.26 ^{b/}	0.69	2.31	1.58
1966	Million Persons	N.A.	12.9	88	17.0	61	1.0	1.6	7.17	0.15	0.58	0.99	1.11 ^{b/}	0.72	2.12	1.50
Size of Armed Forces, Mid-1960	Thousand Persons	6,000	2,509	8,630	3,875 ^{c/}	2,828	368	307	1,260	38	162	220	142	138	274	282
Military	Thousand Persons	5,700		8,050	3,625 ^{c/}	2,828 ^{d/}	353	272	975	28	127	175	92	103	229	222
Militarized Security	Thousand Persons	300		580	250 ^{c/}	^{e/}	15	35	280	10	35	45	50	35	45	60
Civilian Labor Force, 1960	Million Persons	N.A.	72.7 ^{f/}	502	105.6	335	4.0	8.2	48.8	0.77	4.06	6.47	8.34 ^{g/}	4.57	14.01	10.53

a. Beginning-of-year estimate.

b. Assuming an average annual emigration of 200,000 persons of all ages.

c. 1 January 1960.

d. Including 200,000 public security forces subordinate to the Ministry of National Defense.

e. The militarized security forces of Communist China are subordinate to the Ministry of National Defense.

f. Mid-1960.

g. Assuming a declining net emigration.

S-E-C-R-E-T

UNCLASSIFIED

Production of Major Industrial Commodities
and Grain in Communist China
1952-60

February 1961

Item	Unit of Measure	1952	1953	1954	1955	1956	1957	1958	1959	1960
Crude Steel	Million MT	1.35	1.77	2.22	2.85	4.46	5.35	8.0	13.4	18.4
Coal	Million MT	66.5	69.7	83.7	98.3	110.4	130.7	270.2	347.8	425
Crude Oil	Million MT	0.44	0.62	0.79	0.97	1.16	1.46	2.26	3.7	5.2
Electric Power	Billion KWH	7.26	9.2	11.0	12.3	16.6	19.3	27.5	41.5	58.3
Machine Tools ^{a/}	Thousand Units	13.7	20.5	15.9	13.7	25.9	28.3	30	33	38
Trucks	Thousand Units	0	0	0	0	1.6	7.5	16.0	19.4	22
Tractors	Thousand Units	0	0	0	0	0	0	1	3	10
Cement	Million MT	2.86	3.88	4.60	4.50	6.39	6.86	9.30	12.27	15
Timber	Million Cubic Meters	11.2	17.5	22.2	20.9	20.8	27.9	35.0	41.2	43
Paper (Machine Made)	Million MT	0.37	0.43	0.55	0.59	0.74	0.91	1.22	1.7	2.13
Chemical Fertilizers ^{b/}	Thousand MT	39	53	71	85	132	159	266	410	580
Sulfuric Acid	Thousand MT	190	260	344	375	517	632	740	1,050	1,400
Cotton Cloth	Billion Linear Meters	3.83	4.69	5.23	4.36	5.77	5.05	5.7	7.5	7.6
Cigarettes	Million Cases	2.6	3.6	3.7	3.6	3.9	4.5	4.8	5.5	6.0
Salt	Million MT	4.9	3.6	4.9	7.5	4.9	8.3	10.4	11.0	14.0
Grain, Including Tubers	Million MT	168	169	160	175	182	185	212	190	190

a. Machine tools that approximate internationally accepted classifications for metalcutting machine tools. A simple count of machine tools produced, however, greatly overstates the Chinese Communist position with respect to the US because of the lower average of complexity of Chinese machine tools.

b. Chemical nutrient equivalents based on amounts of nitrogen, phosphoric anhydride, and potassium oxide.

UNCLASSIFIED

Production of Major Industrial Commodities and Grain
in Communist China, India, the USSR, and the US
1959

February 1961

1959 Production

Item	Unit of Measure	Communist China	India	USSR	US
Crude Steel	Million MT	13.4	2.4	59.95	84.8
Coal	Million MT	347.8	47.8	506.5	389.6
Crude Oil	Million MT	3.7	0.44	129.5	348
Electric Power	Billion KWH	41.5	18.2	264	836
Machine Tools <u>a/</u>	Thousand Units	33	N.A.	146	33.9
Trucks	Thousand Units	19.4	24.5	370.5	1,137.1
Tractors	Thousand Units	3	N.A.	213.5	304.5
Cement	Million MT	12.27	6.95	38.8	60.4
Timber	Million Cubic Meters	41.2	17.0	265	264.4
Paper (Machine Made)	Million MT	1.7	0.3	2.3 <u>b/</u>	13.5 <u>b/</u>
Chemical Fertilizers <u>c/</u>	Thousand MT	410	111.4	3,045	7,117
Sulfuric Acid	Thousand MT	1,050	297	5,100	15,893
Cotton Cloth	Billion Linear Meters	7.5	6.1	6.2	8.7 <u>d/</u>
Cigarettes	Million Cases	5.5	0.6	5.1	9.6
Salt	Million MT	11.0	4.2	6.1	22.8
Grain, Including Tubers	Million MT	190	89.1 <u>e/</u>	100 <u>e/</u>	185 <u>e/</u>

a. Machine tools that approximate internationally accepted classifications for metalcutting machine tools. A simple count of machine tools produced, however, greatly overstates the Chinese Communist position with respect to the US because of the lower average of complexity of Chinese machine tools.

b. Excluding paper board.

c. Chemical nutrient equivalents based on amounts of nitrogen, phosphoric anhydride, and potassium oxide.

d. Including mixed fabrics; predominantly of cotton.

e. Excluding tubers.

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ILLUSTRATIONS

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ROSS NATIONAL PRODUCT
AND PORTLAND

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1 June 1953

S-E-C-R-E-T

SECURITY INFORMATION

GROSS NATIONAL PRODUCT AND POPULATION

	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czecho- slovakia	Eastern Germany	Hungary	Poland	Romania
Gross National Product, 1952 (Billion 1951 \$ US)	340		110		30 <u>a/</u>		1.7 <u>a/</u>	6.7 <u>a/</u>	5.8 <u>a/</u>	2.6 <u>a/</u>	10 <u>a/</u>	3.2 <u>a/</u>
Population (Thousand), 1 January 1953												
Average Annual Increase, 1946-53	2,600	3,700	3,100	0 <u>b/</u>	590	24	53	130 <u>c/</u>	0	57	240	88
Total	160,000	780,000	210,000	480,000	91,000	1,300	7,300	13,000	18,000	9,400	26,000	16,000
Males, 15-49 <u>d/</u>	40,000	200,000	48,000	125,000	21,000	350	2,100	3,200	2,900	2,400	6,200	4,300
Physically Fit Males <u>d/</u>		110,000	37,000	61,000	15,000	240	1,400	2,400	2,000	1,600	4,200	2,900
Total in Active Military Service <u>d/</u>	3,600 <u>e/</u>	10,000	4,400	3,900	1,600	51	260	230	130	230	420	340
Army	1,600	7,600	2,500	3,800 <u>f/</u>	1,300	40	200	180	100	180	330	270
Navy	820	780	700	55	24	0.8	2.4		4.5	1.5	7.2	7.5
Air Force	980	920	800	75 <u>g/</u>	47	0.11	8.5	8	2	10	10	8
Security Police, Frontier Guards, etc.		670	400		270	10	40	35	25	35	65	56
Trained Reserves <u>d/</u>		20,000	8,500	6,000	5,400	80	500	310	11	450	280	3,800
Gainfully Employed Civilians (Thousand), 1952												
Total	61,000	380,000	90,000	250,000	42,000	580	3,400	5,500	7,500	4,200	13,000	8,400
Agricultural Labor Force	6,800	280,000	48,000	210,000	22,000	450	2,500	2,000	2,000	1,800	7,200	5,800
Nonagricultural Labor Force	54,000	99,000	42,000	37,000	21,000	120	950	3,600	5,500	2,400	5,500	2,600

a. 1951.

b. The population of China is given as constant because births and deaths are about in balance and migration is unpredictable.

c. 1947-53.

d. The US estimates for mid-1952. The Soviet Bloc estimates were made between 1 July 1952 and 1 April 1953 and do not necessarily represent population estimates as of 1 January 1953.

e. Data include women in service: Army - 17,000, Navy - 11,000, Air Force - 15,000. The Marine Corps totaled 230,000, including 2,500 women.

f. Includes 1,450,000 military district troops.

g. Communist Air Force in the China, Manchuria, and North Korea area.

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1 June 1953

S-E-C-R-E-T

SECURITY INFORMATION

AGRICULTURE AND FISHING

Commodity	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czecho-slovakia	Eastern Germany	Hungary	Poland	Rumania
Fibers (Thousand MT)												
Raw Cotton	3,400	4,600	2,700	1,800	74		39			12		22
Cotton Yarn	280 <u>a/</u>	1,300	650	350	260	0.7	15	75	34	28	92	16
Wool (Grease Weight)		240	150	34	50	2.4	13	1.2	3.7	3.7	3.2	23
Wool Yarn	310	190	92	3.0	95	Negligible	4.5	27	8	11	40	5.2
Fish Catch (Thousand MT)	2,000	2,400	2,200		180						77 <u>b/</u>	
Grains (Million MT)												
Bread Grains	36	100	61	22	20	0.07	2.0	2.5	3.3	2.6	7.4	2.1
Rice, Paddy	2.2	48	0.37	47	0.088	0.003	0.023	0	0	0.040	0	0.022
Other Grains <u>c/</u>	110	85	30	41	14	0.11	0.9	2.3	2.2	2.1	3.9	2.7
All Grains, Mid-1952 Inventory		17	11		5.6		0.4		1.4	0.6	2.2	1.0
Potatoes (Million MT)	9.5	150	79	30 <u>d/</u>	40	0.002	0.06	4.5	10	1.0	24	0.7

a. Corded yarn.

b. Planned catch.

c. Soviet Bloc estimates include corn, oats, barley, grain, sorghum, millet, and other miscellaneous grains. US estimates include corn, oats, barley, buckwheat, and grain sorghum.

d. Sweet potatoes; other potato production negligible.

1 June 1953

S-E-C-R-E-T
SECURITY INFORMATION

USSR FOOD BALANCES ^{a/}
1952-53

Million MT (Unless Otherwise Indicated)

Commodity	Supply			Non-Food Uses				Supply for Food			
	Production	Stocks and/or Net Trade [±]	Total Supply	Seed and Waste	Feed	Industrial	Extraction Loss	Total Net Food	Per Capita		
									Kilograms Per Year	Calories Per Day	Percent of Total Food ^{b/}
Grain											
Wheat	40	-4.2	36	8.2	0.81	0.14	4.0	23	110	1,100	38
Rye	21	-0.20	21	4.0	0.24	2.0	2.2	12	60	560	20
Total Bread Grain	61	-4.4	57	12	1.1	2.1	6.2	35	170	1,600	57
Barley	7.3	-0.59	6.7	1.3	4.0	0.36	0.34	0.64	3.1	28	1.0
Oats	12	-0.10	12	2.3	9.3		0.21	0.17	0.80	8	0.3
Corn	3.9	-0.50	3.4	0.31	1.1		0.14	1.8	8.7	86	3.1
Other (Except Rice)	6.7	-0.10	6.6	1.6	2.4		0.25	2.3	11	100	3.5
Total Coarse Grains	30	-1.3	29	5.6	17	0.36	0.94	4.9	24	220	9.7
Rice	0.37		0.37	0.039			0.099	0.23	1.1	11	0.4
Total Grain	2	-5.7	86	18	18	2.5	7.3	40	195	1,900	66
Meat											
Beef and Veal	1.5	-0.14	1.3					1.3	6.3	26	0.9
Pork	1.3	-0.14	1.1					1.1	5.4	49	1.7
Mutton and Goat	0.64	-0.020	0.62					0.62	3.0	23	0.8
Total Meat	3.4	-0.30	3.1					3.1	15	98	3.4

^{a.} Strictly comparable data for the US are not available. The US per capita supply for 1952 consisted of processed grain products - 81 kg; meat - 64 kg; potatoes - 50 kg; raw sugar - 46 kg; edible fats and oils - 20 kg; and other food - 710 kg.

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S-E-C-R-E-T

1 June 1953

S-E-C-R-E-T
SECURITY INFORMATION

USSR FOOD BALANCES ^{a/} (CONTINUED)
1952-53

Million MT (Unless Otherwise Indicated)

Commodity	Supply			Non-Food Uses				Supply for Food			
	Production	Stocks and/or Net Trade ±	Total Supply	Seed and Waste	Feed	Industrial	Extraction Loss	Total Net Food	Per Capita Kilograms Per Year	Calories Per Day	Percent of Total Food ^{b/}
Potatoes	79		79	24	16	1.7		37	175	340	12
Sugar (Raw Value)	2.3	+0.10	2.3				0.23	2.0	9.7	100	3.6
Edible Fats and Oils											
Edible Vegetable Oils	0.88	+0.030	0.91			0.39		0.53	2.5	60	2.1
Butter (Creamy)	0.39	-0.050	0.34					0.34	1.6	39	1.3
Slaughter Fats	0.32	-0.10	0.22					0.22	1.1	25	0.9
Whale Oil	0.035		0.035			0.012		0.23	0.11	3	0.1
Total Fats and Oils	1.6	-0.12	1.5			0.40		1.1	5.3	130	4.5
Edible Oilseeds	5.3	+0.40	5.7	0.83	0.10	4.3		0.46	2.2	21	0.7
Other Food (Includes Milk, Eggs, Cheeses, Vegetables, Fish and Other Less Important Items)										280	10
Total Food										2,800 ^{#/}	100

a. Strictly comparable data for the US are not available. The US per capita supply for 1952 consisted of processed grain products - 81 kg; meat - 64 kg; potatoes - 50 kg; raw sugar - 46 kg; edible fats and oils - 20 kg; and other food - 710 kg.

b. Caloric basis.
g. Total food supply in the US was 3,250 calories per capita per day.

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METALS PRODUCTION

1 June 1953

S-E-C-R-E-T
SECURITY INFORMATION

MINING

Commodity	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czecho-slovakia	Eastern Germany	Hungary	Poland	Romania
Metals (Thousand MT)												
Bauxite	1,800 <u>a/</u>	1,800	620		1,200	Negligible		Negligible	Negligible	1,200	Negligible	20
Chromite	19 <u>b/</u>	720	650	0	65	43	12	0	0	0	0	10
Inventory, 1951			700 <u>c/</u>				0	0		0	0	0
Iron Ore	98,000	63,000	55,000	4,200	3,800	0	45	1,500	550	400	900	450
Inventory			9,000 <u>d/</u>									
Manganese Ore	99 <u>e/</u>	4,600	4,200	20	330	0	4.6	190	20	41	0	76
Inventory, 1951			3,500 <u>f/</u>	Negligible		0	Negligible	Negligible	Negligible	Negligible	0	Negligible
Nonmetallic Minerals (Thousand MT)												
Asbestos		120	120		0	0	0	0	0	0	0	0
Fluorspar	310 <u>g/</u>	200	160	5.0 <u>h/</u>					36 <u>i/</u>			
Gypsum	7,300	2,400	1,900		490	0 <u>j/</u>	0 <u>j/</u>	0 <u>j/</u>	460	0 <u>j/</u>	33	0 <u>j/</u>
Pyrites		3,600	3,100 <u>j/</u>		490	30	100	100	100	16	55	81
Sulphur, 1951	5,400 <u>j/</u>	190	100		93	0	0	Negligible	78	Negligible	15	Negligible

a. Dried equivalent.

b. Domestic shipments by primary producers (mostly over 45-percent chromium oxide).

c. Early 1952. Stockpile accretions are believed to be at the rate of 200,000 to 250,000 MT annually.

d. Early 1952. Stockpile accretions, 1950-52, are believed to be at the rate of 1.5 million to 2 million MT annually.

e. Domestic mine shipments.

f. Early 1952. Stockpile accretions, 1950-52, are believed to be at the rate of 1.2 million to 1.4 million MT annually.

g. 1951. Production for the first 8 months of 1952 was 192,000 MT.

h. 1950.

i. 1951.

j. 1952.

1 June 1953

S-E-C-R-E-T

SECURITY INFORMATION

METALS PRODUCTION

Commodity	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czecho-slovakia	Eastern Germany	Hungary	Poland	Rumania
(Thousand MT)												
Aluminum	850 <u>a/</u>	330	290	1.5 <u>b/</u>	34				12	22		
Inventory	6.5 <u>c/</u>	260 <u>b/</u>	250 <u>d/</u>						7.5			
Antimony	3.2 <u>e/</u>	18	5.0	10	2.5	0	0	2.5	0	0	0	
Cobalt	0.62 <u>f/</u>	1.0	1.0		0	0	0	0	0	0	0	0
Copper	940 <u>g/</u>	390	320	9.0	57	1.0	1.5	0.6 <u>b/</u>	42	0.4 <u>b/</u>	10	0.8
Inventory	53 <u>i/</u>		250 <u>b/</u>									
Iron and Steel												
Bars	9,000 <u>j/</u>	2,900	1,800		1,200	0	0	490	49 <u>b/</u>	140	420	75
Castings, Iron	13,000 <u>j/</u>	10,000	9,800 <u>b/</u>		670	0	0	150 <u>k/</u>	470 <u>b/</u>	60		
Castings, Steel, 1951	1,800 <u>j/</u>	850	460		390	0	0	180	190	20		
Pig Iron	56,000	32,000	25,000	1,800	5,000	0	0	2,000	560	480	1,600	300
Pipes and Tubes	7,500 <u>j/</u>	2,000	1,400		530	0	0	240	37	56	170	20
Plates and Sheets	22,000 <u>j/</u>	7,500	6,100		1,400	0	0	500	180 <u>m/</u>	160	440	75
Rails	1,300 <u>j/</u>	2,500	2,000		450 <u>b/</u>	0 <u>b/</u>	0 <u>b/</u>	160 <u>b/</u>	20 <u>n/</u>	63 <u>b/</u>	190 <u>b/</u>	16 <u>b/</u>

a. Primary smelter production. Secondary production was 250,000 MT in 1951.

b. 1951.

c. Producers' stocks of virgin aluminum.

d. A stockpile of 275,000 MT was estimated for 1952.

e. 1951. Concentrates.

f. Ore content.

g. Excludes foreign metal from which 94,000 MT were smelted.

h. Mine production.

i. Stocks of refined copper as of 31 December 1952.

All stocks at smelters and refineries totaled 190,000 MT.

j. Shipments.

k. 1951. Planned production.

l. 1952.

m. Production of plants controlled directly by the Ministry of Smelting and Ore Mining.

n. 1950. Heavy rail production with some accessories included.

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SECURITY INFORMATION

METALS PRODUCTION (CONTINUED)

Commodity	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czechoslovakia	Eastern Germany	Hungary	Poland	Rumania
(Thousand MT)												
Iron and Steel (Continued)												
Raw Steel	85,000	44,000	34,000	1,200	8,400	0	0	3,000	1,800	820	2,400	310
Rolled Steel	74,000 <u>b/</u>	32,000	25,000	1,000	6,200	0	0	2,200	1,200	580	1,900	290
Strip	3,200 <u>d/</u>	1,600	1,400		230	0	0	64	41 <u>b/</u>	28	88	6
Structural Shapes	3,800 <u>g/</u>	6,300	5,800		550	0	0	150	140 <u>b/</u>	64	180	28
Tin Plate	3,800 <u>p/</u>	280	250		31	0	0	9.0		Negligible	18	3.6
Wire and Wire Rods	4,200 <u>g/</u>	2,400	1,700		730	0	0	420	50	56	180	28
Lead, Refined	480 <u>r/</u>	200	120	9.0	71	0	13	8.7	18	Negligible	25	6.0
Inventory	40 <u>g/</u>		86 <u>b/</u>									
Mercury (76 lb Flasks)	13,000	34,000	32,000	500 <u>t/</u>	1,200	0 <u>t/</u>	0 <u>t/</u>	1,200	0 <u>t/</u>	0 <u>t/</u>	0 <u>t/</u>	
Molybdenum	20 <u>y/</u>	3.9	3.6	0.32	0	0	0	0	0	0	0	
Nickel	0.62	31	31	0	0	0	0	0	0	0	0	0
Inventory, 1951		22	22 <u>y/</u>	Negligible		Negligible	0	Negligible	Negligible	Negligible	Negligible	0

a. Shipments of heavy structural shapes.

p. Shipments of tin plate, including terneplate

q. Shipments of wire and wire products.

r. Primary and secondary lead refined at primary refineries.

s. Refined lead stocks at primary refineries as of 31 December 1952. Stocks at smelters and refineries totaled 140,000 MT.

t. 1950.

u. Molybdenum content of molybdenum concentrates.

v. A strategic stockpile of 32,000 MT was estimated for 1952.

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SECURITY INFORMATION

METALS PRODUCTION (CONTINUED)

Commodity	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czechoslovakia	Eastern Germany	Hungary	Poland	Romania
(Thousand MT)												
Tin	23 <u>y/</u>	17	10	7.2	0.1	0	0	0	0.1	0	0	0
Tungsten	2.7 <u>z/</u>	11	3.0	7.7		0	0	Negligible	Negligible	0	0	0
Inventory		12	12			0 <u>b/</u>	0 <u>b/</u>	Negligible <u>b/</u>	Negligible <u>b/</u>	Negligible <u>b/</u>		Negligible <u>b/</u>
Vanadium Inventory, 1951		1.9	1.7	0.20 Negligible	0	0	0	0	0	0	0	0
Zinc, Refined Inventory	870 <u>y/</u> 79	270	130 170 <u>b/</u>	5	130	0 <u>b/</u>	5			0	120	4.0

w. Primary tin; smelter production.

x. 1951. Production for the first 6 months of 1952 was 1,500 MT as compared with 1,300 MT in 1951.

y. Primary and secondary production of slab zinc, including 290,000 MT from foreign ores.

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MANUFACTURING

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SECURITY INFORMATION

MANUFACTURING

Commodity	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czecho-slovakia	Eastern Germany	Hungary	Poland	Rumania
Consumer Goods												
Boots and Shoes (Million Pairs)	510	480	370		110	0.32	2.2	54	24	7.1	12	6.5
Meat (Thousand MT)	10,000	10,000	3,500	4,200	2,400	9	130	540	620	250	660	240
Sugar, Raw (Million MT)	1.9	4.6	2.3	0.38	1.9	0.005	0.04	0.43	0.51	0.20	0.66	0.08
Inventory, 1951-52	1.5				1.7	0	0.04	0.52	0.42	0.13	0.55	0.02
Chemicals (Thousand MT)												
Alcohol, Ethyl (Million Gallons)	440		310									
Ammonia, Synthetic a/	1,900	1,000	590	25	400	0	15	33	280	15	54	
Benzol, Refined	820	360	230		140	0	0	60	11		66	
Caustic Soda	2,800 b/	740	330	14 b/	390	0	0	57 c/	200	6 d/	100	24 e/
Chlorine	2,400	570	260	8	300	0	0	50	200	8 b/	20	23
Fats, Animal	1,900	2,400	850 f/	840 g/	720 f/	1 f/	25 f/	120 f/	200 f/	80 f/	250 f/	42 f/
Nitric Acid h/	1,500	1,700	1,200	15 b/	480	0	68		250	68 i/	50 b/	52 j/
Oils, Vegetable k/	2,500	2,800	880	1,700	240	2.6	29	13	52	39	51	49
Penicillin (Billion Units)		12,000	7,500	60	4,000	0	0	900	1,800	650	600	0

a. Nitrogen content.

b. 1951.

c. Planned production.

d. 1950.

e. Domestic requirements.

f. Includes butter, beef, lamb, mutton, goat, and pork fats.

g. Pork fat only.

h. 100-percent acid.

i. Capacity converted to 100-percent nitric acid.

j. 1951. Capacity converted to 100-percent nitric acid.

k. Soviet Bloc figures do not include production of vegetable oils from tree crops (except olive) and grains.

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SECURITY INFORMATION

MANUFACTURING (CONTINUED)

Commodity	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czecho-slovakia	Eastern Germany	Hungary	Poland	Rumania
Chemicals (Thousand MT) (Continued)												
Phenol, Refined	170	16	11 <u>l</u> /		4.9	0	0	2.9			2.0	
Phosphorus, Refined		37	36		1.3	0	0		1.3 <u>b</u> /			
Rayon	<u>m</u> /	180	41	Negligible	140	0	Negligible	30	98	1.7	12	1.5
Sulphuric Acid <u>b</u> /	12,000	4,800	3,600	90	1,100	0	0	300	370	60	330	50
Toluol	260	76	56 <u>n</u> /		20	0 <u>b</u> /	0 <u>b</u> /	9	4		7.5	
Construction Materials												
Bricks, Unglazed (Billions)		21	16		5.3		0.50	1.7	1.7		1.4	
Cement (Thousand MT)	42,000	26,000	14,000	1,800	9,400	15 <u>d</u> /	740 <u>b</u> /	2,000	1,700	660 <u>b</u> /	2,700	1,600
Glass, Flat (Million sq m)		140	90		55	0		19 <u>a</u> /	15		14	7 <u>g</u> /
Machinery and Equipment												
Agricultural Machinery and Tractors (Thousands)												
Agricultural Machinery Excluding Tractors, 1951												
Tractors	460 <u>g</u> /	160	120	0 <u>b</u> /	36	0	0	15	7.3	4.3	5.0 <u>e</u> /	4.0
Inventory, 1951		620	510		100	0.4	6.3	32	16	11	28	10

l. By-product of coke; production of synthetic phenol, which is thought to be 2 or 3 times as great, is not included.
 m. The US produced 125,000 MT of rayon filament yarn and 46,000 MT of rayon staple.
 n. By-product of coke; production from petroleum is not included.

o. 1949.
 p. 1948.
 q. Excluding garden tractors.

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SECURITY INFORMATION

MANUFACTURING (CONTINUED)

Commodity	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czecho-slovakia	Eastern Germany	Hungary	Poland	Romania
Machinery and Equipment (Continued)												
Bearings, Ball and Roller (Millions) Inventory, 1951		130	120	0 0	17	0 b/ 0	0 b/ 0	8.3 0	7.6 0	0	0.8 0	0.4 0
Electrical Equipment												
Distribution Transformers (Million Kva)		10	6.0		4.0	0.072	0.15	1.3	1.8	0.37	0.12	0.12
Generators (Million Kw)		5.9	4.2		1.7	0.021	0.042	0.74	0.45	0.23	0.13	0.085
Motors (Million Kw)		25	16		8.6	0.16	0.31	1.8	3.6	1.8	0.66	0.31
Wire and Cable r/ (Thousand MT)		120	70		51		Negligible b/	14	21	6.8	6.1	3.1
Machine Tools (Thousands) Inventory, 1951	240 g/ 43,000 u/	140 1,900	80 1,100	5.0 50	60 760	3.0	10	24 190	24 400	2.2 40	9.2 95	0.20 b/ 25
Turbines, Steam and Hydro (Thousand Kw)		5,100	3,600	50	1,500	Negligible	Negligible	1,000	340	80	50	15
Transportation Equipment												
Automotive Equipment (Thousands)												
Passenger Cars Inventory, 1951	4,300 t/ 43,000 u/	81 310	39 130	0 b/ 0	42 170	0 Negligible	0 Negligible	24 89	16 40	0 10	1.5 25	0 10

r. Equivalent copper content, that is the weight of copper required if no aluminum conductor is used.

s. Shipments, 1951.
t. Factory sales.

u. Civilian registrations excluding publicly owned vehicles. Publicly owned vehicles, excluding military vehicles, numbered 620,000.

1 June 1953

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SECURITY INFORMATION

MANUFACTURING (CONTINUED)

Commodity	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czecho-slovakia	Eastern Germany	Hungary	Poland	Romania
Machinery and Equipment (Continued)												
Transportation Equipment (Continued)												
Automotive Equipment (Thousands) (Continued)												
Trucks	1,200 <i>t/</i>	440	410	0	29	0	0	10	7.3	5.5	6.5	0
Inventory, 1951	8,800 <i>u/</i>	1,700	1,500	45	220	1.2	5.5	66	90	11	41	10
Rail												
Cars, Freight (Thousands)	74	120	73	Negligible	45	0	0	16 <i>b/</i>	7.7 <i>y/</i>	6.5	11 <i>e/</i>	3.6 <i>b/</i>
Inventory	1,800	1,300	860		470	0.065 <i>d/</i>	14 <i>d/</i>	86	99	47	180	48
Cars, Passenger	0.10	5.0	2.8		2.2	0 <i>b/</i>	0 <i>b/</i>	0.31 <i>p/</i>	0.90	0.56	0.40 <i>e/</i>	0.080 <i>e/</i>
Inventory	36 <i>b/</i>	78	42		36	0.063 <i>d/</i>	0.86 <i>d/</i>	8.9	12 <i>w/</i>	3.1 <i>b/</i>	8.8	3.5 <i>d/</i>
Locomotives <i>z/</i> , Diesel <i>y/</i> (Units)	3,200		230									
Inventory	19,000 <i>z/</i>		1,100									
Locomotives, Electric (Units) <i>2</i>		340	280	0 <i>b/</i>	65	0	0	0	61	4	0	0
Inventory	820 <i>aa/</i>		1,400									
Locomotives, Steam (Units)	15	3,300	2,200	Negligible	1,100	0	0	440	62	210	300	130
Inventory	23,000 <i>aa/</i>	53,000	34,000		20,000	7 <i>bb/</i>	720 <i>bb/</i>	4,200	5,200 <i>cc/</i>	1,700 <i>dd/</i>	5,000 <i>b/</i>	2,900 <i>d/</i>

v. In addition, 740 to 940 narrow-gauge cars were produced.
w. Includes 2,800 baggage cars, 810 mail cars, and 1,500 railway service cars.
x. In addition, the Soviet Bloc produced 2,200 mining locomotives as follows: USSR - 1,800, Czechoslovakia - 250, and East Germany - 150.

y. No production of diesel locomotives has been observed in the Satellites.
z. Diesel-electric locomotives in service.
aa. In service.
bb. All locomotives.

cc. Includes all usable standard-gauge locomotives, including 371 locomotives assigned to Russian use. Not included are 210 narrow-gauge locomotives.
dd. 1951. All locomotives.

1 June 1953

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SECURITY INFORMATION

MANUFACTURING (CONTINUED)

Commodity	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czecho-slovakia	Eastern Germany	Hungary	Poland	Romania
Machinery and Equipment (Continued)												
Transportation Equipment (Continued)												
Water												
Merchant Ships (Thousand GRT)	250 <u>ee/</u>	700	380	100 <u>b/</u>	210	1.8 <u>ff/</u>	7.5 <u>b/</u>	12	96	32 <u>b/</u>	35 <u>b/</u>	30 <u>b/</u>
Inventory <u>gg/</u>	27,000	2,500	2,000	240	310	0	10	6.4	0 <u>hh/</u>	2	260	32
Rubber and Rubber Products <u>ii/</u>												
Natural Rubber (Thousand MT)	460 <u>jj/</u>	2.8	2.7 <u>kk/</u>					0.14				
Reclaimed Rubber (Thousand MT)	280	75	55	5	15	0	0.2	8.0	2.5		4.5	
Synthetic Rubber (Thousand MT)	810	240	190	Negligible <u>b/</u>	56	0	Negligible	0.7	52	Negligible	3.3	Negligible
Rubber Tires (Thousand)	91,000 <u>ll/</u>	13,000	10,000		2,900	0	60	1,500	750	150	300	100

ee. Self-propelled steel vessels of 2,000 gross tons and over.

ff. 1951. River craft of all types and sizes.

gg. Soviet Bloc figures as of 1 February 1953; US data as of 1 January 1952.

hh. Possibly one vessel of 1,200 GRT.

ii. It is estimated that USSR stockpile accretions of all rubber in 1952 were 45,000 MT, making a 5-year total of 260,000 MT.

jj. Consumption.

kk. Natural rubber imports in 1952 amounted to 102,000 MT.

ll. Pneumatic casings. (Production of inner tubes was 65 million).

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S-E-C-R-E-T

August 1961

**Production of Primary Energy a/ in Standard Fuel Equivalents
1960**

Million MT/SF b/

Country	Total	Hydroelectric Power	Coal	Crude Oil	Natural Gas
NATO	2,060	163	873	559	464
US c/	1,400	55	407	504	432
Sino-Soviet Bloc	1,280	36.2	930	239	71.3
USSR	674	23	385	212	54
Communist China	307.5	5.0	296	6.5	Negl.
North Korea	13.3	5.3	8.0	0	0
North Vietnam	2.3	Negl.	2.3	0	0
European Satellites	279	2.89	238	20.6	17.3
Albania	1.14	0.06	0.1	0.98	N.A.
Bulgaria	9.58	0.70	8.6	0.28	N.A.
Czechoslovakia	52.0	1.25	47.9	0.20	2.60
East Germany	73.6	0.32	73.2	Negl.	0.05
Hungary	15.1	0.04	12.9	1.71	0.44
Poland	93.5	0.32	92.2	0.28	0.72
Rumania	34.4	0.20	3.5	17.2	13.5

a. Based on data presented on p. 14, above.

b. Million metric tons of standard fuel equivalents. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

c. Data for natural gas are on a net basis -- that is, excluding gas for repressuring and gas wasted. If measured on a gross basis, production of natural gas would be about 520 million MT/SF, and total primary energy for the US would be about 1,490 MT/SF.

S-E-C-R-E-T

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August 1961

**Services
1960**

Country	Transportation		Construction	Communications
	Rail Freight Traffic a/		Production of Cement (Thousand Metric Tons)	Inventory of Radio Receivers b/ (Thousand Units)
	Billion Metric Ton-Kilometers	Million Metric Tons Carried		
NATO	1,170	2,340	144,000	241,000
US	898 c/	1,200	56,770	166,500
Sino-Soviet Bloc	2,021	3,520	85,200	48,800
USSR	1,504.4	1,884.9	45,500	27,000
Communist China	320	660	14,000	4,400
North Korea	9.1	38.7	2,285	173
North Vietnam	0.7	4.31	406	370
European Satellites	187	932	23,000	16,900
Albania	0.05	0.9	73	40
Bulgaria	7.05	38.77	1,586	933
Czechoslovakia	47.41	194.08	5,051	3,159
East Germany	33.0	237.8	5,032	5,711
Hungary	13.35	95.98	1,571	1,979
Poland	66.6	266.9	6,592	3,796
Rumania	19.8	77.5	3,054	1,283

a. Including domestic, import, export, and transit freight traffic. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. To achieve comparability, US data for tons originated rather than tons carried are used.

b. Excluding wired loudspeaker receiving units.

c. Including revenue and nonrevenue freight traffic on Class I and Class II railroads.

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August 1961

**Estimated Production of Selected Agricultural Commodities a/
1960**

<u>Country</u>	<u>Total Grain ^{b/} (Million Metric Tons)</u>	<u>Ginned Cotton (Thousand Metric Tons)</u>	<u>Meat ^{c/} (Thousand Metric Tons)</u>
NATO	301	3,350	24,400
US	193	3,107	12,805
Sino-Soviet Bloc	306	3,300	14,400
USSR	100	1,470	5,900 ^{d/}
Communist China	155 ^{e/}	1,800	5,200 ^{f/}
North Korea	3.3	N.A.	65
North Vietnam	4.6	1.3	N.A.
European Satellites	43.1	27.9	3,240
Albania	0.24	5.0	14
Bulgaria	3.75	21.9	204
Czechoslovakia	5.17	0	484
East Germany	5.50	0	757
Hungary	6.86	0	290
Poland	12.93	0	1,060 ^{g/}
Rumania	8.61	1.0	427

a. Data for the Sino-Soviet Bloc are estimates of this Office and differ from official data of the respective countries.

b. Data include, where produced, barley, corn, oats, rice, rye, sorghum, and wheat. In addition to these items, data for the Sino-Soviet Bloc include miscellaneous grains. Data for North Vietnam include rice and corn only.

c. Unless otherwise indicated, meat is on the basis of carcass weight, bone-in, and includes beef, veal, pork, mutton, lamb, goat, carabao, and horse meat where produced but excludes edible offal, lard, and rabbit and poultry meat.

d. Including poultry meat and slaughter fats.

e. Midpoint of the range of estimated production of 150 million to 160 million metric tons.

f. Including poultry meat.

g. Including edible offal.

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August 1961

Trade
1960

Million US \$

Item	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria a/	Czecho- slovakia	East Germany	Hungary a/	Poland a/	Romania
Total Trade Turnover													
Exports		5,562	N.A.	N.A.	N.A.		N.A.	N.A.	1,930	N.A.	874	1,326	717
Imports		5,630	N.A.	N.A.	N.A.		N.A.	N.A.	1,816	N.A.	976	1,495	648
Total		11,192 b/	4,035 b/	335	158		N.A.	1,212	3,745	4,500	1,850	2,821	1,365
East-West Trade													
Exports to West		1,480	640	N.A.	N.A.		N.A.	N.A.	569	N.A.	296	536	202
Imports from West		1,812	805	N.A.	N.A.		N.A.	N.A.	548	N.A.	330	571	179
Total		3,292 b/	1,445 b/	15	15		N.A.	212 b/	1,117	1,100	625	1,107	381
Intra-Bloc Trade													
Exports to Other Bloc Countries		4,082	N.A.	N.A.	N.A.		N.A.	N.A.	1,360	N.A.	578	789	516
Imports from Other Bloc Countries		3,818	N.A.	N.A.	N.A.		N.A.	N.A.	1,268	N.A.	646	924	469
Total		7,900 b/	2,590 b/	320	143		N.A.	1,000 b/	2,628	3,400	1,224	1,714	984
Aid Programs c/													
Bloc Aid to Underdeveloped Countries of the Free World, by Assisting Country (Jan 1954 - Dec 1960)	4,800	3,552	266	0	0	966	0	4	654	58	18	220	12
Soviet Aid to Bloc Countries (Jan 1954 - Dec 1960)	2,146 d/		0	117.5	265	1,763	139.3	371.6	13.5	515.0	328.8	300.0	95.0
Chinese Communist Aid to Bloc Countries (Jan 1954 - Dec 1960)	841 e/	0		330	300	96	38	0	0	0	58	0	0

a. Preliminary data.

b. Estimated data.

c. Extension of credits and grants.

d. Excluding US \$212.6 million of Soviet aid to Mongolia.

e. Including US \$115 million of Chinese Communist aid to Mongolia.

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SECURITY INFORMATION

MILITARY END ITEMS (CONTINUED)

<u>Item</u>	<u>US</u>	<u>Soviet Bloc</u>	<u>USSR</u>	<u>China</u>	<u>European Satellites</u>	<u>Albania</u>	<u>Bulgaria</u>	<u>Czecho- slovakia</u>	<u>Eastern Germany</u>	<u>Hungary</u>	<u>Poland</u>	<u>Rumania</u>
Inventory (Continued)												
Naval Vessels												
Thousand Standard Displacement Tons, 1951		950	920	17	11	0	1.5	0	0	0	5.2	4.3
Units												
Old Battleships			3									
Monitors			1									
Heavy Cruisers			6									
Old Heavy Cruisers			1									
Light Cruisers			10	1								
Old Light Cruisers			1									
Destroyers		74	73		1						1	
Old Destroyers		12	7		5		1					4
Coastal Destroyers			20									
Old Coastal Destroyers			20									
Submarines			370		1						1	
Old Submarines					3						2	1

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SECURITY INFORMATION

TRANSPORTATION

Item	Billion Ton Kilometers										
	US	Soviet Bloc	USSR	China	European Satellites	Albania	Bulgaria	Czecho-slovakia	Eastern Germany	Hungary	Poland Rumania
Rail Transport, Freight	940	760	610 a/	43 a/	100		3.5	16	20	5.0	48 8.6
Road Transport, Freight			28								
Water Transport, Freight											
Inland	260 a/	64	57		6.4	Negligible	1.1	1.2	1.3 b/	0.8	1.2 0.8
Ocean		52	44		7.8	0	Negligible	Negligible	Negligible	Negligible	6.8 1.0
Pipeline Transport, 1951		13	13 c/	0	0.08	0	0	0	0	0	0 0.08

a. 1951.

b. Planned transport.

c. 1950. Includes 12 billion ton-kilometers of oil and 960 million ton-kilometers of natural gas and gas from oil shale.

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**Military End Items: Naval Strength a/
1960**

Units b/

Country	Surface Vessels						Amphibious Vessels	Submarines	New Construction c/
	Aircraft Carriers	Battleships	Cruisers	Destroyers	Patrol	Mine			
NATO	39	9	65	661	646	941	341	261	N.A.
US	25	8	46	369	301	208	254	150	N.A.
Sino-Soviet Bloc	0	0	23	214	1,490	727	1,071	457	107
USSR	0	0	23	192	1,010	516	722	413	93.4
Communist China	0	0	0	8	247	36	305	29	9.5
North Korea	0	0	0	0	37	22	0	0	Negl.
North Vietnam	0	0	0	0	34	4	0	0	Negl.
European Satellities	0	0	0	14	162	149	44	15	3.68
Albania	0	0	0	0	18	11	0	0	0
Bulgaria	0	0	0	3	24	19	16	5	0
Czechoslovakia	0	0	0	0	0	0	0	0	0
East Germany	0	0	0	4	38	54	0	0	0.63
Hungary	0	0	0	0	0	0	0	0	Negl.
Poland	0	0	0	3	49	31	28	7	3.05
Rumania	0	0	0	4	33	34	0	3	Negl.

a. As of 31 December 1960. Source of data for the Sino-Soviet Bloc and NATO (except the US): Navy, ONI, 30-SD, Strength and Disposition of Foreign Navies, 30 January 1961, S; source of data for the US: Navy, OPNAV, Op-333C/mlt Ser 02501-P33, Report of Inventory and Assignment of Naval Ships as of 31 December 1960, 6 January 1961, C. Data for the US and NATO include reserve and active fleets.

b. Unless otherwise indicated.

c. Thousand light ship displacement tons. Light ship displacement (LSD) is the weight in long tons of a vessel complete and ready for service in every respect including permanent ballast and liquids in the machinery at operating levels but excluding the crew, their effects, and any items of consumable or variable load such as stores, fuel, and cargo.

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**Production of Major Industrial Commodities and Grain in Communist China
1952-60**

Item	Unit of Measure	1952	1953	1954	1955	1956	1957	1958	1959	1960
Crude Steel	Million MT	1.35	1.77	2.22	2.85	4.46	5.35	8.0	13.4	18.4
Coal	Million MT	66.5	69.7	83.7	98.3	110.4	130.7	270.2	347.8	425
Crude Oil	Million MT	0.44	0.62	0.79	0.97	1.16	1.46	2.26	3.7	4.6
Electric Power	Billion KWH	7.26	9.2	11.0	12.3	16.6	19.3	27.5	41.5	57
Machine Tools a/	Thousand Units	13.7	20.5	15.9	13.7	25.9	28.3	30	33	38
Commercial Vehicles	Thousand Units	0	0	0	0	1.6	7.5	15.5	19.2	17
Tractors	Thousand Units	0	0	0	0	0	0	0.96	4.87	10
Cement	Million MT	2.86	3.88	4.60	4.50	6.39	6.86	9.30	12.27	14
Timber	Million Cubic Meters	11.2	17.5	22.2	20.9	20.8	27.9	35.0	41.2	43
Paper (Machine Made)	Million MT	0.37	0.43	0.56	0.59	0.75	0.91	1.22	1.7	1.8
Chemical Fertilizers b/	Thousand MT	39	53	71	85	132	159	266	410	500
Sulfuric Acid	Thousand MT	190	260	344	375	517	632	740	1,050	1,360
Cotton Cloth	Billion Linear Meters	4.16	5.00	5.54	4.51	5.86	5.14	5.28	7.5	11.5
Cigarettes	Million Cases	2.6	3.6	3.7	3.6	3.9	4.5	4.8	5.5	7.5
Salt	Million MT	4.9	3.6	4.9	7.5	4.9	8.3	10.4	11.0	14.0
Grain, Including Tubers	Million MT	168	169	160	175	182	185	212	190	185

a. Machine tools that approximate internationally accepted classifications for metalcutting machine tools. A simple count of machine tools produced, however, greatly overstates the Chinese Communist position with respect to the US because of the lower average of complexity of Chinese machine tools.

b. Nutrient basis.

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**Civilian Labor Force and Military Age Group
Selected Years, 1956-66**

Country	Million Persons			
	Civilian Labor Force	Military Age Group (Males 20-29) a/		
	1960	1956	1961	1966
US	73.1 b/	11.2	11.3	12.9
Sino-Soviet Bloc	492	78.8	85.4	88.4
USSR	109 c/	18.5	19.9	16.6
Communist China	321 d/	51.0	56.0	62.0
North Korea	3.90 d/	0.5	0.6	1.0
North Vietnam	8.10 d/	1.3	1.4	1.6
European Satellites	50.1 e/	7.51	7.49	7.17
Albania	0.84	0.12	0.14	0.15
Bulgaria	4.27	0.66	0.62	0.59
Czechoslovakia	6.69	0.95	0.88	0.96
East Germany	8.48	1.10	1.29	1.22
Hungary	4.69	0.76	0.69	0.71
Poland	14.3	2.33	2.30	2.10
Rumania	10.8	1.59	1.57	1.44

a.. Beginning-of-year estimate.

b. Including unemployed persons and the armed forces. Data refer to annual averages of monthly data and include Alaska and Hawaii.

c. Data refer to the average annual employment in state enterprises and the armed forces and the total number of participants on collective farms but exclude militarized security forces.

d. Excluding the armed forces. Data are as of midyear.

e. Including the armed forces. Data are as of midyear.

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**Production of Major Industrial Commodities and Grain in Communist China, India, the USSR, and the US
1960**

Item	Unit of Measure	Communist China	India	USSR	US
Crude Steel	Million MT	18.45	3.27	65.3	90.1
Coal	Million MT	425	52.7	513	393 ^a
Crude Oil	Million MT	4.56	0.45	148	353
Electric Power	Billion KWH	57	19.0	293	896
Machine Tools ^{a/}	Thousand Units	38	N.A. ⁺	154	43.5
Commercial Vehicles	Thousand Units	17	36	385	1,200
Tractors	Thousand Units	10	N.A.	238	172
Cement	Million MT	14	7.84	45.5	56.8
Timber	Million Cubic Meters	43	17.0	270	272 ^{b/}
Paper (Machine Made)	Million MT	1.8	0.35	2.42 ^{c/}	13.9 ^{c/}
Chemical Fertilizers ^{d/}	Thousand MT	500	125	3,280	7,117 ^{b/}
Sulfuric Acid	Thousand MT	1,360	360	5,396	16,166
Cotton Cloth ^{e/}	Billion Linear Meters	6.5	6.0	6.4	8.5 ^{f/}
Cigarettes	Million Cases ^{g/}	5.5	0.8	5.0	10
Salt	Million MT	14.0	3.4	6.1 ^{b/}	22.8 ^{b/}
Grain, Including Tubers	Million MT	185 ^{h/}	89.1 ^{b/}	100 ^{h/}	193 ^{h/}

a. Machine tools that approximate internationally accepted classifications for metalcutting machine tools. A simple count of machine tools produced, however, greatly overstates the Chinese Communist position with respect to the US because of the lower average of complexity of Chinese machine tools.

b. Data for 1959.

c. Excluding paper board.

d. Nutrient basis.

e. Including machine-made, handicraft, and homespun production.

f. Including mixed fabrics; predominantly of cotton.

g. One case is equivalent to 50,000 cigarettes.

h. Excluding tubers.

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**Production of Energy and Fuels
1960**

Country	Electric Power ^{a/} (Billion Kilowatt Hours)				Hard Coal ^{c/} (Million MT)	Brown Coal and Lignite (Million MT)	Crude Oil (Million MT)	Natural Gas ^{d/} (Billion Cubic Meters)
	Total	Hydro	Thermal	Nuclear ^{b/}				
NATO	1,470	389	1,081	(3.5)	834	108	391	386
US	896 ^{e/}	149	747 ^{e/}	(0.6)	391	2.4	353	360
Sino-Soviet Bloc	473	75	399	(1)	945	484	167	58
USSR	293	51	242	(1)	370	143	148	45
Communist China	57	9	48	0	425 ^{f/}	Negl.	4.56 ^{g/}	Negl.
North Korea	9.14	8.90	0.24	0	6.9	3.7	0	0
North Vietnam	0.25	0.01	0.24	0	2.4	0	0	0
European Satellites	114	5.8	108.2	0	141	337.2	14.0	12.9
Albania	0.20	0.12	0.08	0	0	0.3	0.7	N.A.
Bulgaria	4.65	1.40	3.25	0	0.6	16.6	0.2	N.A.
Czechoslovakia	24.4	2.5	21.9	0	26.2	57.9	0.14	2.00
East Germany	40.3	0.64	39.66	0	2.7	225.5	Negl.	0.04
Hungary	7.62	0.09	7.53	0	2.8	23.7	1.22	0.34
Poland	29.2	0.65	28.55	0	104.4	9.3	0.19	0.55
Rumania	7.63	0.40	7.23	0	4.3	3.9	11.5	10.0

a. Data pertain to gross production (including powerplant use).

b. Nuclear power is included in the thermal power total as it is only a subdivision of thermal power.

c. Including anthracite and bituminous coal.

d. Production for NATO and the US excludes gas for repressuring and gas wasted. Data for the Sino-Soviet Bloc are gross production. If measured on a gross basis, production of natural gas for the US would be about 435 billion cubic meters.

e. Gross production data derived by inflating net production figure for thermal powerplants to allow for 7.5 percent station consumption by thermal powerplants.

f. Including a negligible amount of brown coal.

g. Including natural and synthetic crude oil.

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**Production of Transportation Equipment, Metalcutting Machine Tools, and Tractors
1960**

Country	Transportation Equipment				
	Commercial Vehicles a/ (Thousand Units)	Locomotives b/ (Units)	Freight Cars b/ (Thousand Units)	Metalcutting Machine Tools (Thousand Units)	Tractors (Thousand Units)
NATO	2,390	N.A.	N.A.	N.A.	577
US	1,200	990 c/	57.3	43.5	172
Sino-Soviet Bloc	473	3,430 d/	94.4	285	321
USSR	384.8	1,699	36.4	154	238.5
Communist China	17.0	700	26.0	45.0 e/	10
North Korea	3.1	0	0.8	2.8	3
North Vietnam	0	0	0.49	0.75	0
European Satellites	68.5	1,030 d/	30.7	82.0	69.1
Albania	0	0	0	0	0
Bulgaria	0	0	1.2	3.0	0.2
Czechoslovakia	17.4	290	6.0	24.7 f/	32.5
East Germany	12.7	260	5.0	20.5	9.0
Hungary	4.8	200	0	7.5	2.6
Poland	21.5	182	13.89	21.9	7.7
Rumania	12.1	100	4.61	4.36	17.1

a. Including light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.

b. Mainline unless otherwise indicated.

c. Derived from deliveries to US railroads and exports. Exports in 1960 totaled about 624 locomotives (including nonmainline types).

d. Perhaps including narrow-gauge, industrial, or shunting types.

e. The official figure is 90,000 units, including many types that are not significant and comparable to those reported by other countries.

f. Excluding production of machine tools by the Central Union of Producers Cooperatives (USVD). In 1959 the USVD produced about 5,000 units.

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**Production of Chemicals, Rubber, and Electronic Equipment
1960**

Country	Chemicals and Rubber (Thousand Metric Tons)				Electronic Equipment		
	Sulfuric Acid a/	Synthetic Ammonia b/	Caustic Soda a/	Synthetic Rubber	Electron Tubes (Million Units)	Radio Receivers c/ (Thousand Units)	Television Receivers (Thousand Units)
NATO	30,000 d/	6,900 d/	6,400 d/	1,880	N.A.	26,000 d/	12,000 d/
US	16,166	3,591	4,442	1,459.5	408.5	17,127	5,709
Sino-Soviet Bloc	9,560	2,320	2,070	456	218	7,980	2,780
USSR	5,396	888	880 e/	350	125	4,164	1,726
Communist China	1,360	300	450	Negl.	38 f/	1,500	15
North Korea	300	124	25	0	0	0	0
North Vietnam	Negl.	0	Negl.	0	0	0	0
European Satellites	2,500	1,010	718	106	55.5	2,320	1,040
Albania	0	0	0	0	0	0	0
Bulgaria	123	110	17	0	N.A.	157	45
Czechoslovakia	553	131	115	1	12.7	249	263
East Germany	730	385	327	85.5	20.5	636	416
Hungary	185	68.5	17	0	12.0	212	140
Poland	685	283 g/	165	20	10.3	900 g/	180
Rumania	226	29	77	0	N.A.	167	0

a. 100-percent basis unless otherwise indicated.

b. Nitrogen basis.

c. Including combined radio-phonographs.

d. Data for 1959, including data for 1960 for the US.

e. 92-percent basis.

f. Midpoint of the range of estimated production of 33 million to 43 million units.

g. Plan data.

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**Production of Pig Iron a/
Selected Years, 1950-60, and 1965 Plan**

Country	Thousand Metric Tons					
	1950	1955	1958	1959	1960	1965 Plan
NATO	98,900	130,000	113,000	120,000	137,000	
US b/	60,211	71,906	52,416	55,128	61,036	
Sino-Soviet Bloc	24,900	46,200	64,700	76,400	88,500	
USSR	19,175	33,310	39,600	42,972	46,800	73,000 c/
Communist China	978	3,872	13,690 d/	20,500 e/	27,500 f/	
North Korea	155	112	320	585	752	
North Vietnam	0	0	N.A.	N.A.	10	
European Satellites	4,600	8,860	11,000	12,400	13,400	
Bulgaria	3 g/	7 g/	84	177	189	
Czechoslovakia	1,951	2,982	3,774	4,245	4,695	7,700 h/
East Germany	337	1,517	1,775	1,898	1,995	2,150
Hungary	461	868	1,082	1,104	1,249	1,775
Poland i/	1,533	2,920	3,592	4,080	4,260	6,441
Rumania	320	570	737	846	1,014	2,000

a. Unless otherwise indicated, data refer to the total production of pig iron and blast furnace ferroalloys.

b. Excluding production in electric furnaces.

c. Estimated production for 1965.

d. Including 4.16 million metric tons of "native iron."

e. Including 9.6 million metric tons of pig iron made in "small, modern blast furnaces," of which 5.9 million metric tons were usable for production of steel.

f. Plan data.

g. Although the Bulgarian yearbook lists these data as pig iron, the data probably refer to iron castings because there were no facilities for production of pig iron before 1957.

h. Revised plan for 1965.

i. Polish official data for production of pig iron were expressed in terms of open-hearth pig iron, which increased actual tonnages. These inflated figures were converted into actual production of pig iron to make them agree with the statistics of other countries by the use of the following factors:

Pig iron to open-hearth steel	: 1.0
Pig iron to foundry steel	: 1.15
Spiegeleisen	: 2.5
Ferromanganese	: 2.5

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**Production of Crude Steel a/
Selected Years, 1950-60, and 1965 Plan**

	Million Metric Tons					
Country	1950	1955	1958	1959	1960	1965 Plan
NATO	140	184	160	175	194	
US b/	87.85	106.17	77.34	84.77	90.07	
Sino-Soviet Bloc	36.6	62.5	80.7	93.2	106	
USSR	27.33	45.27	54.92	59.95	65.30	95.0 c/
Communist China	0.60	2.85	8.00	13.35	18.45	
North Korea	0.12	0.14	0.36	0.45	0.64	2.5 d/
European Satellites	8.54	14.3	17.4	19.4	21.2	
Bulgaria	0.03	0.12	0.26	0.28	0.29	
Czechoslovakia	3.12	4.47	5.51	6.14	6.77	10.6
East Germany	1.27	2.84	3.46	3.65	3.79	5.2
Hungary	1.05	1.63	1.63	1.76	1.88	2.6
Poland	2.52	4.43	5.63	6.16	6.68	9.3
Rumania	0.56	0.77	0.93	1.42	1.81	3.3

- a. Unless otherwise indicated, data refer to the total production of ingots and steel for castings.
b. Excluding steel for castings made in foundries operated by companies not producing ingots (about 1 million metric tons in 1960).
c. Estimated production for 1965.
d. Plan data for 1967.

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**Production of Refined Copper a/
Selected Years, 1950-60, and 1965 Plan**

Thousand Metric Tons						
Country	1950	1955	1958	1959	1960	1965 Plan
NATO	2,050	2,410	2,440	2,290	2,820	
US	1,276.1	1,436.1	1,450.2	1,223.3	1,642.3	
Sino-Soviet Bloc	294	462	515	559	615	
USSR	246.6	377.3	406.3	416.5	426.9	772.0 b/
Communist China	5.3	15.0	34.0	55.0	90.0	160.0 b/
North Korea	1.6	1.8	4.9	10.0	10.0	10.0
European Satellites c/	40.1	68.2	69.6	77.5	88.2	
Bulgaria	0.1 d/	3.8 d/	6.1 d/	9.0	14.0	28.3
Czechoslovakia	1.0	5.1	6.6	7.1	7.6 e/	15.7
East Germany	27.8	33.3	32.5	36.9	37.9 e/	45.6
Hungary	N.A.	7.8	3.0	3.0	3.0	
Poland	10.5	15.7	17.4	17.5	21.7	23.5
Rumania	0.7	2.5	4.0	4.0	4.0	16.0 e/

a. Unless otherwise indicated, data refer to primary and secondary refined copper produced from domestic and foreign ores and scrap.

b. Estimated production for 1965.

c. Albania does not produce refined copper, but Albanian production of blister copper in 1959 was about 1,000 metric tons and in 1960, about 1,600 metric tons.

d. Blister copper.

e. Plan data.

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**Production of Primary Aluminum a/
Selected Years, 1950-60, and 1965 Plan**

Thousand Metric Tons						
Country	1950	1955	1958	1959	1960	1965 Plan
NATO	1,210	2,400	2,510	2,890	3,200	
US	651.9	1,420.4	1,420.8	1,772.4	1,827.6	
Sino-Soviet Bloc	173	549	681	815	967	
USSR	155	430	510	600	700	1,450 b/
Communist China	0	10	49	70	100	250 c/
European Satellites	17.5	109	122	145	166	
Czechoslovakia	0	24.4	26.4	41.0	56.0	85
East Germany	0.8	26.8	34.0	35.1	35.0	55 d/
Hungary	16.7	37.0	39.5	45.7	49.5	55
Poland	0	20.4	22.4	22.8	26.0	75 e/
Rumania	0	0	0	0	0	25 f/

a. Unless otherwise indicated, data refer to production of primary (virgin) aluminum from domestic and imported ores.

b. Midpoint of the range of the estimated plan for 1965 of 1.4 million to 1.5 million metric tons.

c. Estimated production for 1965.

d. Estimated plan for 1965.

e. Annual rate of production to be reached before the end of 1965.

f. Midpoint of the range of the plan for 1965 of 20,000 to 30,000 metric tons.

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**Estimated Gross National Product Per Capita a/
1960 and 1965**

	1955 US \$	
<u>Country</u>	<u>1960</u>	<u>1965</u>
NATO		
US	2,500	
Canada	1,800	
European NATO		
Of which:		
Belgium	1,300	
Denmark	1,300	
France	1,300	
Italy	840	
Netherlands	1,200	
Norway	1,400	
UK	1,400	
West Germany	1,400	
Sino-Soviet Bloc		
USSR	980	1,200
Communist China	110	140
North Korea	170	220
North Vietnam	94	120
European Satellites		
Bulgaria	540	
Czechoslovakia	1,100	1,500
East Germany	1,100	1,600
Hungary	690	850
Poland	730	920
Rumania	510	760

a. Based on estimates of midyear population.

**Relative Rates of Growth a/ for Gross National Product and Industrial Production
1951-60 and Projections for 1961-65**

Country	Gross National Product		Indexes of Industrial Production 1951-60	
	1951-60	1961-65	Net	Official Gross
Selected Western Countries				
US	3.3		3.8	
France	4.3		6.4	
Italy	5.8		8.8	
UK	2.5		3.3	
West Germany	7.5		9.6	
Sino-Soviet Bloc	7.0			
USSR	6.6	6.6	9.6	11.8
Communist China	9.7	6.7	22.7	27.4
North Korea	7.2 ^{b/}	8.7		22.0
North Vietnam	13.4 ^{c/}	7.0		37.7 ^{c/}
European Satellites	5.6		8.9	
Albania				19.5
Bulgaria	6.6		11.2	14.6
Czechoslovakia	4.7	6.3	7.7	11.0
East Germany	6.0	6.3	8.9	11.3
Hungary	5.4	4.7	9.7	10.3
Poland	5.4	6.0	8.8	12.9
Rumania	7.2	9.4	10.0	13.0

a. Unless otherwise indicated, average annual rates of growth are computed at the compound rate for the stated period, including the terminal years.

b. The base year is 1949.

c. The base year is 1955.

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**Official Indexes of Gross Industrial Production ^{a/}
for the Sino-Soviet Bloc
1950, 1955-60, and 1965 Plan**

	1950 = 100							
Country	1950	1955	1956	1957	1958	1959	1960	1965 Plan
Sino-Soviet Bloc								
USSR	100	185	205	226	249	276 ^{b/}	304 ^{b/}	448
Communist China ^{c/}	100	287	368	410	681	949	1,125 ^{d/}	N.A.
North Korea	100	164	208	302	413	628	728	1,405
North Vietnam	N.A. ^{e/}	100	198	273	319	414	495	1,226
European Satellites								
Albania	100	274	299	375	448	536	596	906
Bulgaria	100	190	218	253	287	345	392	N.A.
Czechoslovakia	100	170	186	205	228	253	283	441
East Germany	100	190	202	217	241	271	293	453
Hungary	100	185	167	195	216	237	267	362 ^{f/}
Poland	100	212	231	254	278	304	337	512
Rumania	100	202	225	243	267	293	340	615

a. These indexes are measures of the "gross" value of production of industry at constant prices. Gross value of production is, in general, the sum of the value of output of all industrial enterprises. The definition of industry in Communist countries includes manufacturing, mining, and public utilities. The Communist definition of industry also includes other activities (varying from country to country) that are not included in Western definitions of industry.

b. Index numbers for 1959 and 1960 are based on plan fulfillment data.

c. This "official" index of industrial production was calculated by chaining together annual Chinese Communist claims for the increase in the gross value of industrial production. These annual claims are overstated in varying degrees and are not based on a stable and consistent accounting and price system.

d. Plan data.

e. The base year for this index is 1955, the first postwar year. These official index numbers are not indicative of the true rate of industrial growth, because they reflect in large measure the increases in output resulting from postwar reconstruction rather than from new industrial development.

f. Midpoint of the range of the industrial production index for 1965 of 356 to 367.

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**Indexes of Industrial Production ^{a/} for the US
Selected Countries of the West, and the Sino-Soviet Bloc
1950 and 1955-60**

1950 = 100							
Country	1950	1955	1956	1957	1958	1959	1960
Selected Western Countries							
US ^{b/}	100	129	133	134	125	141	145
France	100	131	144	156	163	171	186
Italy	100	153	164	177	183	203	233
UK	100	121	121	123	121	130	138
West Germany	100	179	193	204	211	225	250
Sino-Soviet Bloc							
USSR ^{c/}	100	167	181	195	210	229	249
Communist China ^{d/}	100	259	321	360	526	670	775
European Satellites ^{e/}							
Bulgaria	100	154	171	197	220	258	288
Czechoslovakia	100	134	144	159	178	190	209
East Germany	100	170	179	189	204	222	235
Hungary	100	171	155	181	203	222	252
Poland	100	158	168	183	198	214	232
Rumania	100	155	166	184	209	229	260

a. Indexes for the US, France, Italy, the UK, and West Germany are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. The index for the UK includes construction, whereas the indexes for the other Western countries exclude construction. The indexes of the countries of the Sino-Soviet Bloc are calculations of this Office (or other calculations accepted by this Office) and are constructed as nearly as possible on the same basis as the indexes for Western countries. The indexes for the Bloc include manufacturing, mining, and public utilities.

b. This index is the revised industrial production index of the US Federal Reserve Board, which includes utilities.

c. Index of gross values for individual commodities and branches aggregated by 1955 value-added weights. The three sectors covered -- materials, machinery, and consumer goods -- comprise 44.6 percent, 34.0 percent, and 21.4 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of industrial production of the US Federal Reserve Board.

d. Estimates of this Office computed by applying value-added weights to figures for commodity production.

e. Indexes for Czechoslovakia through 1957, for Poland through 1956, and for East Germany in 1955 are from private studies; indexes for Bulgaria in 1955 and 1957 and Poland in 1957-59 reflect official estimates of the growth of net production; and other indexes for these four countries are estimates of this Office, as are all indexes for Rumania and the European Satellites as a group (excluding Albania). Data for Hungary are official estimates of net production that are accepted by this Office.

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S-E-C-R-E-T

August 1961

**Estimated Gross Investment in Industry in the US and the USSR
1961**

Billion 1955 US \$	
Country	Amount
US a/	19.5
USSR b/	33.5 to 40.7

a. Anticipated US investments for 1961 in new plant and equipment for manufacturing, mining, public utilities, oil and gas drilling, and other industrial investment not classified in the survey of capital expenditures are estimated as follows (the Department of Commerce and the Securities and Exchange Commission estimate of June 1961):

	Billion Current US \$
Manufacturing	14.0
Mining	1.0
Public utilities	5.9
Oil and gas drilling and other industry	2.0
not included above	22.9
Total	22.9

The deflator of 117.6 used to derive the value in 1955 US dollars was based on the 1960 deflator for new construction and producers durables, as given in the Economic Report of the President, January 1961, p. 132. Based on June 1961 estimates, estimated total expenditures on new plant and equipment by US business will amount to current US \$36.5 billion. These expenditures include, in addition to the above items, expenditures on railroads, other transportation, trade, services, finance, and construction.

b. Industry in the USSR covers manufacturing, mining, and electric power. Urban distribution of electric power is not included. It is estimated that Soviet industrial investment (excluding investment in the construction industry) in 1961 will approximate 59 percent of total planned capital investment, or 171 billion 1955 rubles. At the conversion rate, based on the Soviet product mix, of 4.2 old rubles to US \$1, this amount is equal to US \$40.7 billion. At the conversion rate, based on the US product mix, of 5.1 old rubles to US \$1, this amount is equal to US \$33.5 billion.